

# **Welcome to your CDP Climate Change Questionnaire 2022**

# C0. Introduction

# C<sub>0.1</sub>

#### (C0.1) Give a general description and introduction to your organization.

Sunway REIT Management Sdn Bhd (The Manager) is submitting on behalf of Sunway Real Estate Investment Trust (Sunway REIT). Sunway REIT established a Sustainability Committee comprising Board Members, responsible for oversight and strategic management of sustainability matters in Sunway REIT, ensuring that our sustainability strategy, goals, targets, and progress are aligned with Sunway Berhad's sustainability commitment and strategy. Sunway Real Estate Investment Trust (Sunway REIT or Trust) is one of the largest diversified real estate investment trusts (REITs) in Malaysia with a diverse portfolio strategically located across award-winning integrated townships in key locations in Greater Kuala Lumpur, Penang and Perak.

Sunway REIT owns a portfolio of 18 assets comprising 4 retail malls, 6 hotels, 5 offices, a medical centre, an industrial property and an education asset with a combined property value of RM8.7 billion as at 31 December 2021. Sunway REIT's assets are primarily located in Sunway City Kuala Lumpur (Sunway City) where its flagship asset, Sunway Pyramid Shopping Mall, is located. Other assets in Sunway City include Sunway Resort Hotel, Sunway Pyramid Hotel, Sunway Clio Property (comprising Sunway Clio Hotel and Sunway Clio Retail), Menara Sunway, The Pinnacle Sunway, Sunway Medical Centre (Tower A & B) and Sunway university & college campus. Sunway REIT owns four properties in Kuala Lumpur, namely Sunway Tower and the remaining three assets which constitute part of the 3-in-1 integrated development, Sunway Putra. Sunway Putra consists of Sunway Putra Mall, Sunway Putra Hotel and Sunway Putra Tower.



Sunway REIT also owns two properties in Shah Alam, namely, Wisma Sunway and Sunway REIT Industrial – Shah Alam 1. In the northern region, Sunway REIT owns SunCity Ipoh Hypermarket in Perak, as well as Sunway Hotel Seberang Jaya, Sunway Hotel Georgetown and Sunway Carnival Shopping Mall in Penang.

Sunway REIT was listed on the Main Market of Bursa Malaysia Securities Berhad (Bursa Malaysia) on 8 July 2010. The market capitalisation of Sunway REIT stood at RM4.8 billion as at 31 December 2021. Sunway REIT is a component of FTSE Bursa Malaysia Mid 70 Index, FTSE Bursa Malaysia Top 100 Index, FTSE Bursa Malaysia Emas Index, FTSE ASEAN All-Share Index, FTSE ASEAN All-Share ex Developed Index, FTSE ASEAN Malaysia Index, FTSE Good Bursa Malaysia Index, Bursa Malaysia REIT Index, GPR APREA Composite REIT Index - Malaysia, FTSE EPRA/NAREIT Global REIT Index, FTSE EPRA/NAREIT Asia Pacific Index, FTSE EPRA/NAREIT Asia Pacific Index, FTSE EPRA/NAREIT emerging REIT Index and MSCI Malaysia Small Cap Index.

## C<sub>0.2</sub>

#### (C0.2) State the start and end date of the year for which you are reporting data.

	Start date	End date	Indicate if you are providing emissions data for past reporting years	Select the number of past reporting years you will be providing emissions data for
Reporting	January 1,	December 31,	Yes	3 years
year	2021	2021		

# C<sub>0.3</sub>

#### (C0.3) Select the countries/areas in which you operate.

Malaysia

# C<sub>0.4</sub>

(C0.4) Select the currency used for all financial information disclosed throughout your response.

MYR



# C<sub>0.5</sub>

(C0.5) Select the option that describes the reporting boundary for which climate-related impacts on your business are being reported. Note that this option should align with your chosen approach for consolidating your GHG inventory.

Operational control

# C-FS0.7

(C-FS0.7) Which activities does your organization undertake, and which industry sectors does your organization lend to, invest in, and/or insure?

	Does your organization undertake this activity?	Industry sectors your organization lends to, invests in, and/or insures
Banking (Bank)	No	
Investing (Asset manager)	No	
Investing (Asset owner)	Yes	None of the above
Insurance underwriting (Insurance company)	No	

# **C0.8**

(C0.8) Does your organization have an ISIN code or another unique identifier (e.g., Ticker, CUSIP, etc.)?

Indicate whether you are able to provide a unique identifier for your organization	Provide your unique identifier
Yes, an ISIN code	MYL5176TO001
	Sunway Real Estate Investment Trust



# C1. Governance

# C1.1

(C1.1) Is there board-level oversight of climate-related issues within your organization?

Yes

# C1.1a

# (C1.1a) Identify the position(s) (do not include any names) of the individual(s) on the board with responsibility for climate-related issues.

Position of individual(s)	Please explain
Board-level committee	Sunway REIT's sustainability governance and strategy are driven by its Sustainability Committee, which was established in 2021. Chaired by Independent Non-Executive Director, the Sustainability Committee is responsible for reviewing, supervising and recommending to the Board of Directors on matters related to the three key areas (Sustainability strategy and issues, key ESG goals, targets and performance and progress and scorecard) that are aligned with Sunway Berhad's sustainability commitment. The Sustainability Committee meets twice a year to review Sunway REIT's sustainability plan and is supported by the Sustainability Working Group (SWG) and a Sustainability Officer.

# C1.1b

## (C1.1b) Provide further details on the board's oversight of climate-related issues.

Frequency with which	Governance mechanisms	Scope of	Please explain
climate-related issues	into which climate-related	board-level	
	issues are integrated	oversight	



are a scheduled agenda item		
Scheduled – all meetings	Reviewing and guiding strategy Reviewing and guiding major plans of action Reviewing and guiding risk management policies Reviewing and guiding annual budgets Reviewing and guiding business plans Setting performance objectives Monitoring implementation and performance of objectives Overseeing major capital expenditures, acquisitions and divestitures Monitoring and overseeing progress against goals and targets for addressing climate- related issues	The Board of the Manager is committed to maintaining effective risk management practices, underpinned by a robust Enterprise Risk Management (ERM) framework that enables it to continuously identify, assess, treat and manage risks that could affect Sunway REIT in achieving its objectives within defined risk parameters in a timely and effective manner.  The Board takes overall responsibility in the oversight and is committed in maintaining a sound system of internal controls and effective risk management practices of the Manager in managing Sunway REIT. The Board plays a pivotal role in setting the acceptable risk appetite and nurturing the culture towards managing key risks and continuously reviews the adequacy and effectiveness in identifying, assessing and responding to key risks of Sunway REIT assisted by its Board Committees.  The Risk Management Committee ("RMC") assists the Board in overseeing the risk management framework and policies and the Audit Committee ("AC") supports the Board in reviewing and monitoring the effectiveness of the system of internal controls, including soliciting feedback from the independent external auditors. The Board receives periodic reports from these Board Committees to keep the Board informed of the key deliberations and decisions on delegated roles. The internal controls system of the Manager is designed to manage and minimise rather than eliminate the risks which may hinder the achievement of the business objectives of Sunway REIT and therefore, the system can only provide reasonable but not absolute assurance against material misstatements, financial losses or fraud.
		Sunway REIT has appointed a full-time Sustainability Officer to oversee the



management of sustainability matters that reside with the Board, including the integration of sustainability considerations into the operations of the Company.  The SWG occasionally invites the JSC to provide advice based on its expertise in sustainability. In 2021, the JSC was tasked with assessing Sunway REIT's risk exposure due to the effects of climate change on its properties.
As part of our risk management approach towards climate-related issues, we have appointed the Jeffrey Sachs Center on Sustainable Development (JSC) to conduct a Value at Risk (VaR) assessment on our properties to assess Sunway REIT's risk exposure to climate change. JSC has categorised 2 risks which are physical risks and transition risk.

# C1.1d

# (C1.1d) Does your organization have at least one board member with competence on climate-related issues?

	Board member(s) have competence on climate-related issues	Criteria used to assess competence of board member(s) on climate-related issues
Row 1	Yes	The chairperson of the Sustainability Committee is the Board member of Sunway REIT. The Sustainability Committee is responsible for reviewing, supervising and recommending to the Board of Directors on matters related to the three key areas (Sustainability strategy and issues, key ESG goals, targets and performance and progress and scorecard) that are aligned with Sunway Berhad's sustainability commitment. The Sustainability Committee meets twice a year to review Sunway REIT's sustainability plan and is supported by the Sustainability Working Group (SWG) and a Sustainability Officer.
		In 2021 Sustainability Committee meeting, these are the agendas that have been discussed:  • Internal Carbon Pricing Framework  • Appointed the Jeffrey Sachs Center on Sustainable Development (JSC) to conduct a Value at Risk (VaR) to



	assessment on our properties to assess Sunway REIT's ris exposure to climate change.
	• Integrated sustainability into Senior Management performance evaluations and Key Performance Indicators (KPIs)
	that are linked to remuneration.

# C1.2

# (C1.2) Provide the highest management-level position(s) or committee(s) with responsibility for climate-related issues.

Name of the position(s) and/or committee(s)	Reporting line	Responsibility	Coverage of responsibility	Frequency of reporting to the board on climate-related issues
Risk committee	Reports to the board directly	Both assessing and managing climate-related risks and opportunities	Risks and opportunities related to our own operations	Half-yearly
Other, please specify Risk Management Working Group and Risk Officer	Other, please specify Risk Management Committee	Other, please specify  • Updates risk assessment and rating, status of control measures and mitigation action plans • Proposal papers for acquisition and assets enhancement initiatives • Identify and assess key risks and recommendation to manage the risks	Risks and opportunities related to our own operations	Half-yearly
Other, please specify Functional Heads	Other, please specify Risk Management Working Group and Risk Officer	Other, please specify Update risk assessment based on business divisions	Risks and opportunities related to our own operations	Half-yearly

# C1.3

(C1.3) Do you provide incentives for the management of climate-related issues, including the attainment of targets?



	Provide incentives for the management of climate-related issues	
Row 1	Yes	

# C1.3a

# (C1.3a) Provide further details on the incentives provided for the management of climate-related issues (do not include the names of individuals).

Entitled to incentive	Type of incentive	Activity incentivized	Comment
Chief Executive Officer (CEO)	Monetary reward	Emissions reduction target Efficiency target Supply chain engagement Other (please specify) Renewable Energy target	In 2022, Sunway REIT further strengthened sustainability governance by incorporating sustainability into Senior Management's Key Performance Indicators (KPIs) and performance evaluations, which are linked to remuneration. The Environmental KPIs which are linked to climate-related issues includes  • Reduction of energy intensity  • Percentage of electricity generated from renewable energy  On top of that, there are Social and Governance KPIs including number of active supplier complete supplier risk assessment and compulsory annual training on mandatory policies. These KPIs are then further cascaded to the respective business divisions and employees.
Chief Financial Officer (CFO)	Monetary reward	Emissions reduction target Energy reduction target Efficiency target Supply chain engagement	In 2022, Sunway REIT further strengthened sustainability governance by incorporating sustainability into Senior Management's Key Performance Indicators (KPIs) and performance evaluations, which are linked to remuneration. The Environmental KPIs which are linked to climate-related issues includes  • Reduction of energy intensity  • Percentage of electricity generated from renewable energy  On top of that, there are Social and Governance KPIs including number of active supplier complete supplier risk assessment and compulsory annual training on mandatory policies. These KPIs are then



		Other (please specify) Renewable	further cascaded to the respective business divisions and employees.
		Energy target	
Other, please specify Business Division Heads	Monetary reward	Emissions reduction target Energy reduction target Efficiency target Supply chain engagement Other (please specify) Renewable Energy target	In order to manage climate-related risks, the business division heads play an important role to drive the efforts towards achieving the 2030 targets. Hence, the CEO and CFO's ESG KPIs and performance evaluations linked to remuneration are cascaded to the business division heads. Each business divisions have similar but specific KPIs catered to their business to be achieved annually.  The business division heads as well as their respective HR are responsible to track progress and performance of their KPIs.
All employees	Monetary reward	Emissions reduction target Energy reduction target Efficiency target Supply chain engagement Other (please specify) Renewable energy target	The specific KPIs are further cascaded to relevant employees that are involved in the operations such as reduction of energy intensity, renewable energy, increasing waste diverted away from landfills, and OHS practices. Meanwhile, all employees are responsible to contribute towards employee learning & development hours and compulsory annual training on mandatory policies.



# C-FS1.4

# (C-FS1.4) Does your organization offer its employees an employment-based retirement scheme that incorporates ESG criteria, including climate change?

	Employment-based retirement scheme that incorporates ESG criteria, including climate change	Provide reasons for not incorporating ESG criteria into your organization's employment-based retirement scheme and your plans for the future
Rov 1	No, and we do not plan to in the next two years	

# C2. Risks and opportunities

# C2.1

(C2.1) Does your organization have a process for identifying, assessing, and responding to climate-related risks and opportunities?

Yes

# C2.1a

## (C2.1a) How does your organization define short-, medium- and long-term time horizons?

		From	То	Comment
		(years)	(years)	
Sho	rt-	1	5	Sunway REIT has set future value goals and 2030 targets to transform portfolios to low-carbon sustainable assets. The main
term	า			strategic framework includes decarbonisation, resource management, and pollution management. These goals and targets
				are cascaded to the relevant Group Functions, business units and employees where the progress and performance are
				tracked and reported annually. This is to encourage continuous internal analysis and review to ensure the targets are met or
				to be revised, if necessary. Some of the targets includes reduction of Building Energy Intensity (BEI) and Renewable Energy



			(RE) generation, and waste diversion from landfill. From this practice, the business units are able to manage risks and identify opportunities for financial planning on climate-related investments to be incorporated in the annual business plan.
Medium- term	6	10	As part of the roadmap towards Net Zero Carbon Emissions by 2050, Sunway REIT's focus is on reducing residual emissions by improving efficiency and using energy substitution. In 2021, Sunway REIT established an Internal Carbon Pricing framework to start preparing for the potential transition risks from climate-related issues at RM15 per tonne of CO2e emitted above a threshold level. This is a mechanism/decision-making tool that can help business units to understand their exposure to external carbon pricing schemes, guide their decisions and investments and put a value on their greenhouse gas (GHG) emissions in a way that drives positive change in their business. Sunway REIT target for managed properties to reduce their emissions per tonne of production by 4%, per year by 2030 using 2022 as a base year. The other implementation strategy includes engaging with stakeholders to reduce upstream and downstream Scope 3 emissions such as sustainable procurement and supply chain practices and green lease.
Long- term	11		Sunway REIT is aligned with Sunway Berhad and committed to reducing the impacts of global warming and to get to Net Zero Carbon Emissions by 2050. Sunway plan to focus on carbon offset technology which includes carbon storage and capture and investment in large-scale renewable energy. In 2017, Sunway University formed a partnership with the Massachusetts Institute of Technology (MIT) in Boston to conduct research on carbon capture, utilisation and storage technology at Sunway City Kuala Lumpur. Sunway has invested in renewable energy sourced from solar photovoltaic (PV) panels and generated 8,940 MWh of clean energy in 2021 that involve Sunway Pyramid Pyramid Shopping Mall, Sunway Carnival Mall, Menara Sunway Annexe, Sunway University and Sunway Medical Centre. To ensure the getting to net zero is possible, Sunway is exploring to invest in large-scale solar farm.

# C2.1b

## (C2.1b) How does your organization define substantive financial or strategic impact on your business?

As part of risk management of climate-related issues, Sunway appointed the Jeffrey Sachs Center on Sustainable Development (JSC) to conduct a climate Value at Risk (VaR) assessment on all our 18 properties to assess Sunway's risk exposure to climate change. JSC has categorised the levels of VaR as below:

Low: Low vulnerability to physical risks due to sea-level rise or higher rain intensity

**Medium:** Vulnerable to physical risks due to sea-level rise or higher rain intensity AND NOT Vulnerable to large potential damage physical risks (i.e. max. historical annual damages cost ratio < 5% or max)



**High:** Vulnerable to physical risks due to sea-level rise or higher rain intensity AND Vulnerable to large potential damage physical risks (i.e. max. historical annual damages cost ratio ≥ 5% or max)

#### **Transition Risks**

Transition risks are changes that a firm is expected to navigate as society transitions to a low-carbon economy. Under the TCFD framework, there are four types of transition risks, namely policy and legal risk, technology risk, market risk and reputation risk.

#### **Physical Risks**

The risks of climate events physically damaging the properties in Sunway's portfolio. In the Malaysian context, material physical risks consist of:

· Sea-level rise, which can lead to more coastal and riverine floods.

Increased rainfall intensity, which can lead to more flash floods, water seepages into buildings and landslides.

# C2.2

(C2.2) Describe your process(es) for identifying, assessing and responding to climate-related risks and opportunities.

#### Value chain stage(s) covered

Direct operations Upstream

#### **Risk management process**

Integrated into multi-disciplinary company-wide risk management process

### Frequency of assessment

#### Time horizon(s) covered

Short-term Medium-term



#### Long-term

#### **Description of process**

As part of Sunway REIT's risk management towards climate-related issues, Sunway REIT has appointed the Jeffrey Sachs Center on Sustainable Development (JSC) to conduct a climate Value at Risk (VaR) assessment on our 18 properties to assess Sunway REIT's risk exposure to climate change. JSC has categorised the levels of VaR as below:

- · Low: Low vulnerability to physical risks due to sea level rise or higher rain intensity
- Medium: Vulnerable to physical risks due to sea level rise or higher rain intensity AND NOT Vulnerable to large potential damage physical risks (i.e. Max historical annual damages cost ratio < 5%)
- High: Vulnerable to physical risks due to sea level rise or higher rain intensity AND Vulnerable to large potential damages physical risks (i.e. Max historical annual damages cost ratio ≥ 5%)

To systematically assess the material physical risks for each property, JSC utilised an analytical procedure:

- 1) The buildings were categorised according to the level of VaR
- High, Medium and Low. High-risk properties have a higher exposure to physical risks and financial risk such as building repair costs due to floods, while low-risk buildings have a lower exposure to the risks.
- 2) The properties were assessed against the worst-case scenario described by the Intergovernmental Panel on Climate Change (IPCC) Assessment Report 6, which was published in August 2021, whereby:
- The global annual carbon emissions will rise above 120 gigatonnes per year by 2100
- The SLR upper bound is forecast to be 1.1 m
- The median temperature is expected to increase by 4.4°C over pre-industrial levels (higher than the 2°C scenario
- The maximum 1-day rainfall increase will be 46.6%
- 3) The elevation of each property vis-à-vis sea level was determined using an online topographic map, and the location relative to the coast and rivers was determined using Google Maps to gauge SLR risk.
- 4) The historical flooding and water seepage incidences and damage cost of each property were obtained to gauge the likelihood of floods and water seepages as suggested by historical incidences at the local level.

JSC assessed all our 18 properties, including leased properties, across the business segments against two types of climate risks: Physical Risks



The risks of climate events physically damaging the properties in Sunway's portfolio. Consisting:

- Sea level rise, which can lead to more coastal and riverine floods.
- Increased rainfall intensity, which can lead to more flash floods, water seepages into buildings and landslides.

#### Transition Risks

- The risks of regulatory costs that could be imposed on Sunway REIT such as carbon tax introduced by the government to transition to a low-carbon economy.
- Carbon tax may be extended to include tax exemptions for low carbon buildings to incentivise property owners to transform their properties into low-carbon buildings.

#### Physical Risks

From the assessment, all Sunway REIT properties are exposed to the following climate-related physical risks, where 10 of the properties have Low VaR and eight properties have Medium VaR:

- · Flash floods in times of heavy rain.
- Water seepages in times of heavy rain.

Additionally, 5 of the 18 properties are vulnerable to SLR that will cause coastal and riverine floods to become more likely and more severe for properties that are low-lying and close to the coast or river. However, these following mitigation steps can be considered to minimise risks to the portfolio.

- Continuous monitoring of drains and gutters to ensure that they are clear
- If economically viable, permanently stop water seepages from external gaps
- If practicable, increase the drainage and gutter system's maximum capacity
- Set an annual agenda to review the status of the physical risks above for the entire portfolio

#### Transitional Risks

Sunway REIT's transitional risks could be significant due to the significant amount of carbon emitted by its properties.

However, the implementation of decarbonisation efforts will adequately mitigate the transitional risks.



# C2.2a

# (C2.2a) Which risk types are considered in your organization's climate-related risk assessments?

	Relevance & inclusion	Please explain
Current regulation	Relevant, always included	One of the material issues that Sunway REIT prioritises is and Pollution (Waste/Effluents). Companies that fail to comply with the local laws and regulations are susceptible to disruption in operations and loss of revenue. Sunway REIT is aligned with the Sunway Berhad Water Management Policy that includes ensuring effluents discharged at buildings and operation sites are within permissible limits by authorities such as the Environmental Quality Act (EQA) 1974. We remain guided by a waste management hierarchy and we comply with the Solid Waste and Public Cleansing Management Act 2007, allowing us to manage waste based on the potential benefits.
Emerging regulation	Relevant, always included	Malaysia committed to be a carbon-neutral country at the earliest in 2050. There is a potential of carbon tax which could increase operating costs of high carbon emission assets. Thus, an internal carbon pricing framework has been approved by the Board of Directors to be adopted in business operations as a way to prepare for a low-carbon economy. Placing a value on GHG emissions will help align with and support a carbon management strategy that will drive the company towards achieving our Net Zero Carbon Emissions by 2050 target. Setting internal carbon pricing can also incentivise the business divisions across the Group to reduce their carbon emissions and enable low-carbon innovation.
Technology	Relevant, always included	<ul> <li>R&amp;D costs to develop green products and services (green buildings, green construction products and services)</li> <li>R&amp;D costs to compost food waste</li> </ul>
Legal	Relevant, always included	<ul> <li>Regulations mandating green products and services (green buildings, green construction products and services) will increase production costs</li> <li>Exposure to litigation</li> </ul>



Market	Relevant, always included	<ul> <li>Increasing consumer preferences for products and services (green buildings, green construction products and services)</li> <li>Increasing cost of raw materials to produce green products and services</li> <li>More volatile fossil fuel prices as energy system transitions away from fossil fuels</li> <li>Increasing consumer preferences for green property assets</li> <li>Increasing cost to own or lease green property assets</li> <li>Embarking on a diversified portfolio of asset classes and asset enhancement initiatives maintains the stability of the income base and captures the emerging growth in global megatrends.</li> </ul>
Reputation	Relevant, always included	<ul> <li>Increasing consumer preferences for companies that have green reputations</li> <li>Increasing stakeholder concerns about climate change (difficulty in securing government approvals, difficulty in accessing financing, increasing shareholder activism for climate action)</li> <li>Increasing consumer preferences for companies that have green reputations</li> </ul>
Acute physical	Relevant, always included	<ul> <li>Increasing frequency of extreme weather events (floods, heavy rain, landslides)</li> <li>Disruption of the provision of services dependent on the property asset, thus loss of revenue</li> <li>Disruption of the production schedule</li> <li>Higher cost of repairs</li> <li>Higher insurance premiums</li> </ul>
Chronic physical	Relevant, always included	<ul> <li>Higher mean temperatures</li> <li>No risk as existing chiller technology can operate even if Southeast Asia temperature increases by 3.5°C in the worst case</li> <li>Higher operating cost of running chillers for longer hours</li> <li>Higher sea levels</li> <li>Higher development cost of coastal properties (higher floor elevation, foundation which is resistant to seawater)</li> <li>Increasing frequency of flooding damage if building is not designed to cope with sea-level rise (buffer above king tide)</li> </ul>



# C-FS2.2b

## (C-FS2.2b) Do you assess your portfolio's exposure to climate-related risks and opportunities?

	We assess the portfolio's exposure
Investing (Asset owner)	Yes

# **C-FS2.2c**

## (C-FS2.2c) Describe how you assess your portfolio's exposure to climate-related risks and opportunities.

	Type of risk management process	Proportion of portfolio covered by risk management process	Type of assessment	Time horizon(s) covered	Tools and methods used	Provide the rationale for implementing this process to assess your portfolio's exposure to climate-related risks and opportunities
Investing (Asset owner)	Integrated into multi- disciplinary company-wide risk management process	100	Qualitative only	Not defined	Other, please specify	One of the key activities for Sunway REIT is the acquisition of income-generating property. In 2021, Sunway REIT further enhanced the investment guidelines to incorporate a sustainability checklist. The high-level investment checklist is meant to serve as a preliminary screening of investment opportunities. Necessary consultants (property valuer, surveyor, SPFM) may be appointed to conduct the relevant due diligence and report to REIT Board once Sunway REIT has decided to proceed with the acquisition.



# C-FS2.2d

(C-FS2.2d) Does your organization consider climate-related information about your clients/investees as part of your due diligence and/or risk assessment process?

	We consider climate-related information
Investing (Asset owner)	Yes

# **C-FS2.2e**

(C-FS2.2e) Indicate the climate-related information your organization considers about clients/investees as part of your due diligence and/or risk assessment process, and how this influences decision-making.

#### **Portfolio**

Investing (asset owner)

#### Type of climate-related information considered

TCFD disclosures

#### Process through which information is obtained

Directly from the client/investee

Public data sources

Other, please specify

Jeffrey Sachs Centre on Sustainable Development (JSC)

#### Industry sector(s) covered by due diligence and/or risk assessment process

Real Estate

State how this climate-related information influences your decision-making



One of the key activities for Sunway REIT is the acquisition of income-generating property. In 2021, Sunway REIT further enhanced the investment guidelines to incorporate a sustainability checklist. The high-level investment checklist is meant to serve as a preliminary screening of investment opportunities. Necessary consultants (property valuer, surveyor, SPFM) may be appointed to conduct the relevant due diligence and report to REIT Board once Sunway REIT has decided to proceed with the acquisition.

Sunway REIT has appointed Jeffrey Sachs Centre on Sustainable Development (JSC) to conduct Value at Risk (VaR) on the properties that we are planning to purchase. JSc will provide a VaR report with the risks and mitigation plan for Sunway REIT consideration.

# **C2.3**

(C2.3) Have you identified any inherent climate-related risks with the potential to have a substantive financial or strategic impact on your business?

Yes

# C2.3a

(C2.3a) Provide details of risks identified with the potential to have a substantive financial or strategic impact on your business.

#### Identifier

Risk 1

Where in the value chain does the risk driver occur?

Direct operations

Risk type & Primary climate-related risk driver

Emerging regulation
Carbon pricing mechanisms

**Primary potential financial impact** 

Increased direct costs



#### Climate risk type mapped to traditional financial services industry risk classification

Policy and legal risk

# **Company-specific description**

Potential Financial Risks that may arise are:

- Regulations mandating green products and services (green buildings, green construction products and services) will increase production costs
- Carbon tax increases operating costs of high carbon emission assets
- Exposure to litigation

#### Time horizon

Medium-term

#### Likelihood

Very likely

#### **Magnitude of impact**

High

#### Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

**Explanation of financial impact figure** 



#### Cost of response to risk

#### Description of response and explanation of cost calculation

#### Comment

#### Identifier

Risk 2

#### Where in the value chain does the risk driver occur?

Direct operations

#### Risk type & Primary climate-related risk driver

Chronic physical

Changing precipitation patterns and types (rain, hail, snow/ice)

#### **Primary potential financial impact**

Increased indirect (operating) costs

#### Climate risk type mapped to traditional financial services industry risk classification

Other non-financial risk

#### **Company-specific description**

Potential Financial Risks that may arise are:

- Higher mean temperatures
- o No risk as existing chiller technology can operate even if Southeast Asia temperature increases by 3.5°C in the worst case
- o Higher operating cost of running chillers for longer hours



- · Higher sea levels
- o Higher development cost of coastal properties (higher floor elevation, foundation which is resistant to seawater)
- o Increasing frequency of flooding damage if building is not designed to cope with sea-level rise (buffer above king tide)

#### Time horizon

Long-term

#### Likelihood

Likely

#### Magnitude of impact

High

#### Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

**Explanation of financial impact figure** 

Cost of response to risk

Description of response and explanation of cost calculation



#### Comment

# C2.4

(C2.4) Have you identified any climate-related opportunities with the potential to have a substantive financial or strategic impact on your business?

No

# C2.4b

(C2.4b) Why do you not consider your organization to have climate-related opportunities?

	Primary reason	Please explain
Row 1	Evaluation in progress	

# **C3. Business Strategy**

# C3.1

(C3.1) Does your organization's strategy include a transition plan that aligns with a 1.5°C world?

#### Row 1

# **Transition plan**

Yes, we have a transition plan which aligns with a 1.5°C world

### Publicly available transition plan

Yes



#### Mechanism by which feedback is collected from shareholders on your transition plan

We have a different feedback mechanism in place

#### **Description of feedback mechanism**

Sunway REIT is aligned with Sunway Berhad to achieving Net Zero Carbon Emissions by 2050 Roadmap.

Feedback from stakeholders is vital to continuously improve reporting and sustainability practices. Stakeholders are welcomed to give views, comments or feedback, which are directed to the Sustainability Department.

#### Frequency of feedback collection

Annually

#### Attach any relevant documents which detail your transition plan (optional)

https://ir2.chartnexus.com/sunwayreit/docs/ar/2021.pdf

REIT IR 2021.pdf

# C3.2

#### (C3.2) Does your organization use climate-related scenario analysis to inform its strategy?

	Use of climate-related scenario analysis to inform strategy		
Row 1	Yes, qualitative		

# C3.2a

#### (C3.2a) Provide details of your organization's use of climate-related scenario analysis.

Climate-related	Scenario	Temperature	Parameters, assumptions, analytical choices
scenario	analysis	alignment of	
	coverage	scenario	



Physical climate	Company-wide	Unknown	Physical Risks
scenarios			The risks of climate events physically damaging the properties in Sunway's portfolio.
Customized publicly			Consisting:
available physical			Sea level rise, which can lead to more coastal and riverine floods.
scenario			Increased rainfall intensity, which can lead to more flash floods, water seepages into
			buildings and landslides.
			Transition Risks
			The risks of regulatory costs that could be imposed on Sunway REIT such as carbon
			tax introduced by the government to transition to a low-carbon economy.
			Carbon tax may be extended to include tax exemptions for low carbon buildings to
			incentivise property owners to transform their properties into low-carbon buildings
			To systematically assess the material physical risks for each property, JSC utilised an
			analytical procedure:
			1) The buildings were categorised according to the level of VaR
			High, Medium and Low. High-risk properties have a higher exposure to physical risks
			and financial risk such as building repair costs due to floods, while low-risk buildings
			have a lower exposure to the risks.
			2) The properties were assessed against the worst-case scenario described by the
			Intergovernmental Panel on Climate Change (IPCC) Assessment Report 6, which was
			published in August 2021, whereby:
			• The global annual carbon emissions will rise above 120 gigatonnes per year by 2100
			The SLR upper bound is forecast to be 1.1 m
			• The median temperature is expected to increase by 4.4°C over pre-industrial levels (higher than the 2°C scenario
			• The maximum 1-day rainfall increase will be 46.6%
			3) The elevation of each property vis-à-vis sea level was determined using an online
			topographic map, and the location relative to the coast and rivers was determined using
			Topographic map, and the location relative to the coast and rivers was determined using



	Google Maps to gauge SLR risk.
	4) The historical flooding and water seepage incidences and damage cost of each
	property were obtained to gauge the likelihood of floods and water seepages as
	suggested by historical incidences at the local level

# C3.2b

(C3.2b) Provide details of the focal questions your organization seeks to address by using climate-related scenario analysis, and summarize the results with respect to these questions.

#### Row 1

#### **Focal questions**

Materiality assessments are integral in helping us to identify the sustainability issues that matter most to Sunway REIT and its stakeholders. We conduct a materiality assessment once every two years to understand our position, align with industry peers, meet stakeholder needs and address the risks and opportunities of the identified material issues. Assessing our material issues also enables us to engage with our stakeholders and better meet their needs.

In 2021, we conducted an in-depth materiality assessment to assess the issues that will impact us and our stakeholders going forward. As part of the process, we conducted a focus group discussion with the Senior Management from assets managed and carried out an online survey for both internal and external stakeholders based on 18 identified material issues.

#### Results of the climate-related scenario analysis with respect to the focal questions

As a result of the discussion, the focus group felt strongly that three material issues, Pollution (Waste/Effluents), Human Capital Development and Physical Impacts of Climate Change, needed to be prioritised, resulting in seven prioritised material issues.

Physical impacts of climate change such as increased rainfall intensity and frequency. As a result of the discussion, the focus group felt strongly that three material issues, Pollution (Waste/Effluents), Human Capital Development and Physical Impacts of Climate Change, needed to be prioritised, resulting in seven prioritised material issues.



Physical impacts of climate change such as increased rainfall intensity and frequency and flooding are material to Sunway REIT because the damage to its assets is significant.

Thus, Sunway REIT takes steps to conduct a Value at Risk\* (VAR) study on its properties to analyse the potential financial implications from these impacts and to take appropriate action to manage its risks.

The seven prioritised material issues stated below reflect Sunway REIT's commitment to sustainability

- Physical Impacts of Climate Change
- -Human Capital Development
- Anti-corruption
- Customer welfare
- Health and safety
- Business ethics
- Pollution (Waste / Effluents)

Besides the seven prioritised issues, we are committed to the other 11 issues and take into consideration factors such as global megatrends, which will impact our business and stakeholders.

# C3.3

### (C3.3) Describe where and how climate-related risks and opportunities have influenced your strategy.

	Have climate-related risks and opportunities influenced your strategy in this area?	Description of influence
Products and	Yes	Green Building
services		As regulations mandating green products and services is one of the potential financial risks, Sunway
		is committed to ensuring all new townships and buildings completed from 2025 onwards are green-
		certified. Sunway defines green townships and green buildings as developments that focus on boosting



		resource efficiency, while reducing building impact on human health and the environment during the buildings' life cycle through better design, construction, operation and maintenance.  • Sunway REIT is aligned with Sunway Berhad's Green Building Policy outlines the key requirements that are essential to the development of green townships and buildings which has established in 2021. The guidelines ensure that Sunway will integrate sustainable practices into the development, operations and management of townships and buildings. The policy also underscores Sunway's commitment to designing and producing built environments that facilitate healthy lifestyles and prioritising the wellbeing of the stakeholders.  Asset Acquisition  • One of the key activities for Sunway REIT is the acquisition of income-generating property. In 2021, Sunway REIT further enhanced the investment guidelines to incorporate a sustainability checklist.  • The high-level investment checklist is meant to serve a preliminary screening of investment opportunity  • Necessary consultants (property valuer, surveyor, SPFM) may be appointed to conduct the relevant due diligence and report to REIT Board once Sunway REIT has decided to proceed with the acquisition.
Supply chain and/or value chain	Yes	Sustainable supply chain Sunway REIT adopted Sunway Berhad Sustainable Procurement Policy which this policy developed a best practice approach to sustainable procurement in 2021. All suppliers are required to complete the supplier registration form are to declare their current ESG practices via the Supplier Environmental and Social Risk Assessment forms. The information provided will be recorded and kept by all business divisions.  Sunway introduced sustainable procurement best practices to employees and suppliers. Suppliers are able to refer to the Sustainable Procurement Policy as a guideline to benchmark their ESG practices against industry best practices. All Sunway suppliers must comply with all relevant laws, regulations and standards, and any supplier found to have violated the law will be removed from the supply chain.  Sustainable Purchasing of Goods



		We purchase products with eco-labels such as PEFC and FSC-certified products. One of our 2030 targets include to record a measurable reduction in environmental impact from goods and services procured from suppliers.
Investment in R&D	Yes	Ensuring Sustainable Water Supply To ensure sustainable water supply in Sunway City Kuala Lumpur, Sunway invested in an RM18 million water treatment plant in 2019. With a daily water supply capacity of up to 8.5 million litres for 51,500 people, the treatment plant recycles water from the city's lakes to produce potable drinking water, enabling the Group to reduce its water consumption cost. The lake is also a catchment area for surface run-off, and Sunway ensures that the water is pumped out to the river when it reaches a certain level to avoid flooding in the surrounding areas. The lake is the source of water supply during water shortage crises to ensure business continuity. The water treatment plant supply water to all Sunway REIT's properties within Sunway City Kuala Lumpur  Food Waste Management  Food waste is one of the major problems that leads to waste, Sunway REIT has been actively converting food waste to energy or compost to reduce waste to landfills and generate a circular economy. Sunway REIT has investing in 2 compost machines in 2019.  Additionally, we have sent our food waste to a composting farm that grows composting worms and black fly soldier that naturally break down food waste into compost. Sunway REIT continuously explore on food waste project to reduce the food waste into the landfill.
Operations	Yes	Low-Carbon Sustainable Assets As stated in the Sunway's Net Zero Carbon Emissions by 2050 Roadmap, Sunway REIT has set future value goals and 2030 targets to transform portfolios to low-carbon sustainable assets. Some of the targets include:  • Reducing energy intensity • Increasing use of renewable energy • Increasing waste diverted from landfills



i f	Renewable Energy  One of the most significant parts of Sunway's sustainability journey to be Net Zero Emission by 2050 is investing in renewable energy. Sunway REIT are proactive in minimising our carbon footprint. Apart from implementing various initiatives to reduce our energy consumption, we have invested in renewable energy as part of Sunway's long-term project to reduce fossil fuel consumption.
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# C3.4

# (C3.4) Describe where and how climate-related risks and opportunities have influenced your financial planning.

	Financial planning elements that have been influenced	Description of influence
Row 1	Revenues Direct costs Indirect costs Capital expenditures Capital allocation Acquisitions and divestments Access to capital Assets	Sunway REIT has included sustainability as part of their business plan. As each business divisions have specific ESG KPIs to achieve, the business division would identify areas for investment in order to achieve the Sunway Sustainability 2030 Goals and Targets. The business divisions would allocate CAPEX and OPEX in their business plan. In order to achieve the Net Zero Carbon Emissions by 2050, Sunway is also looking into investment in large-scale renewable energy.

# C3.5

(C3.5) In your organization's financial accounting, do you identify spending/revenue that is aligned with your organization's transition to a 1.5°C world?



No, but we plan to in the next two years

## **C-FS3.6**

(C-FS3.6) Does the policy framework for your portfolio activities include climate-related requirements for clients/investees, and/or exclusion policies?

No, but we plan to include climate-related requirements and/or exclusion policies in our policy framework in the next two years

# **C-FS3.6c**

(C-FS3.6c) Why does the policy framework for your portfolio activities not include climate-related requirements for clients/investees, and/or exclusion policies?

This is an open text question with a limit of 5,000 characters. Please note that when copying from another document into the ORS formatting is not retained.

# **C-FS3.7**

# (C-FS3.7) Does your organization include climate-related requirements in your selection process and engagement with external asset managers?

	Climate-related requirements included in selection process and engagement with external asset managers	Primary reason for not including climate- related requirements in selection process and engagement with external asset managers	Explain why climate-related requirements are not included in selection process and engagement with external asset managers and your plans for the future
R 1	Not applicable, because we do not have externally managed assets	Other, please specify  Not applicable	



# **C4. Targets and performance**

# C4.1

(C4.1) Did you have an emissions target that was active in the reporting year?

No target

# C4.1c

(C4.1c) Explain why you did not have an emissions target, and forecast how your emissions will change over the next five years.

	Primary reason	Five-year forecast	Please explain
Row 1	Other, please specify	Evaluation in progress	Evaluation in progress
	Evaluation in progress		

# C4.2

(C4.2) Did you have any other climate-related targets that were active in the reporting year?

Net-zero target(s)

# C4.2c

(C4.2c) Provide details of your net-zero target(s).

Target reference number

NZ1

**Target coverage** 

Company-wide



#### Absolute/intensity emission target(s) linked to this net-zero target

#### Target year for achieving net zero

2050

#### Is this a science-based target?

Yes, we consider this a science-based target, and we have committed to seek validation of this target by the Science Based Targets initiative in the next 2 years

#### Please explain target coverage and identify any exclusions

Carbon storage and capture

Sunway University has formed a partnership with MIT in 2017 to research carbon capture, utilisation and storage technology (CCUS) to make it commercially viable. Currently, while carbon capture technology is readily available, the storage of carbon as a 'waste product' is still costly. The researchers are working on ways to turn carbon into a useful product with the potential to be sold.

Buying green energy

Sunway is also currently looking at investing directly or indirectly in large-scale solar farms.

#### Do you intend to neutralize any unabated emissions with permanent carbon removals at the target year?

Yes

#### Planned milestones and/or near-term investments for neutralization at target year

Carbon storage and capture

Sunway University has formed a partnership with MIT in 2017 to research carbon capture, utilisation and storage technology (CCUS) to make it commercially viable. Currently, while carbon capture technology is readily available, the storage of carbon as a 'waste product' is still costly. The researchers are working on ways to turn carbon into a useful product with the potential to be sold.

Buying green energy

Sunway is also currently looking at investing directly or indirectly in large-scale solar farms.

#### Planned actions to mitigate emissions beyond your value chain (optional)



Sunway engages with stakeholders to reduce Scope 3 emissions.

1) Upstream – Suppliers (Sustainable procurement & supply chain practices)

Sunway is committed to responsible procurement by working with partners who uphold the same high sustainability standards we subscribe to in the areas of ethical conduct, human rights, workplace standards and environmental management. In 2020, Sunway Berhad established a Sustainable Procurement Policy to develop a best practice approach to sustainable procurement. Beginning in 2021, all suppliers who have completed the supplier registration form are required to declare their current ESG practices via the Supplier Environmental and Social Risk Assessment forms. The information provided will be recorded and kept by all business divisions. We introduced sustainable procurement best practices to our employees and suppliers. Our suppliers are able to refer to the Sustainable Procurement Policy as a guideline to benchmark their ESG practices against industry best practices. All Sunway suppliers must comply with all relevant laws, regulations and standards, and any supplier found to have violated the law will be removed from our supply chain

2) Downstream - Tenants

Sunway is looking into launching green lease for tenants in the retail, office and hotel operations.

## C4.3

(C4.3) Did you have emissions reduction initiatives that were active within the reporting year? Note that this can include those in the planning and/or implementation phases.

Yes

# C4.3a

(C4.3a) Identify the total number of initiatives at each stage of development, and for those in the implementation stages, the estimated CO2e savings.

	Number of initiatives	Total estimated annual CO2e savings in metric tonnes CO2e (only for rows marked *)
Under investigation		
To be implemented*		



Implementation commenced*		
Implemented*	3	2,013
Not to be implemented		

# C4.3b

(C4.3b) Provide details on the initiatives implemented in the reporting year in the table below.

#### **Initiative category & Initiative type**

Low-carbon energy generation Solar PV

Estimated annual CO2e savings (metric tonnes CO2e)

1,310

Scope(s) or Scope 3 category(ies) where emissions savings occur

Scope 2 (market-based)

Voluntary/Mandatory

Voluntary

Annual monetary savings (unit currency – as specified in C0.4)

Investment required (unit currency – as specified in C0.4)

Payback period



#### Estimated lifetime of the initiative

#### Comment

#### **Initiative category & Initiative type**

Waste reduction and material circularity
Other, please specify
Diverted Waste from landfill

### Estimated annual CO2e savings (metric tonnes CO2e)

495

# Scope(s) or Scope 3 category(ies) where emissions savings occur

Scope 3 category 5: Waste generated in operations

### **Voluntary/Mandatory**

Voluntary

Annual monetary savings (unit currency – as specified in C0.4)

Investment required (unit currency – as specified in C0.4)

Payback period

Estimated lifetime of the initiative



#### Comment

#### **Initiative category & Initiative type**

Other, please specify
Other, please specify
Sustainable Procurement practices

#### Estimated annual CO2e savings (metric tonnes CO2e)

209

#### Scope(s) or Scope 3 category(ies) where emissions savings occur

Scope 3 category 1: Purchased goods & services

#### **Voluntary/Mandatory**

Voluntary

Annual monetary savings (unit currency – as specified in C0.4)

Investment required (unit currency – as specified in C0.4)

Payback period

Estimated lifetime of the initiative

Comment



# C4.3c

## (C4.3c) What methods do you use to drive investment in emissions reduction activities?

Method	Comment
Internal price	An internal carbon pricing framework has been approved by the Sunway REIT Board of Directors to be adopted in our business operations as
on carbon	a way to prepare for a low-carbon economy. Placing a value on our GHG emissions will help us align with and support a carbon management
	strategy that will drive us towards achieving our Net Zero Carbon Emissions by 2050 target. Setting internal carbon pricing can also
	incentivise the business divisions across the Group to reduce their carbon emissions and enable low-carbon innovation. Ultimately, it will
	make carbon considerations more central to our business operations, promote understanding of carbon and carbon risk internally and
	externally and future-proof our business strategy.

# C-FS4.5

(C-FS4.5) Do any of your existing products and services enable clients to mitigate and/or adapt to the effects of climate change?

# **C5.** Emissions methodology

# C5.1

(C5.1) Is this your first year of reporting emissions data to CDP?
Yes

## C5.2

(C5.2) Provide your base year and base year emissions.

## Scope 1

June 30, 2016



Base year start			
July 1, 2015			
Base year end			
June 30, 2016			
Base year emissions	(metric tons CO2e)		
0.9			
Comment			
Scope 2 (location-based)	)		
Base year start			
Base year end			
Base year emissions	(metric tons CO2e)		
Comment			
Scope 2 (market-based)			
Base year start			
July 1, 2015			
Base year end			



# **Base year emissions (metric tons CO2e)** Comment Data compilation started in 2021 Scope 3 category 1: Purchased goods and services Base year start Base year end **Base year emissions (metric tons CO2e)** Comment Scope 3 category 2: Capital goods Base year start Base year end Base year emissions (metric tons CO2e) Comment



# Scope 3 category 3: Fuel-and-energy-related activities (not included in Scope 1 or 2) Base year start Base year end Base year emissions (metric tons CO2e) Comment Scope 3 category 4: Upstream transportation and distribution Base year start Base year end Base year emissions (metric tons CO2e) Comment Scope 3 category 5: Waste generated in operations Base year start



#### Base year end

## **Base year emissions (metric tons CO2e)**

#### Comment

Sunway REIT started the data collection on purchase goods and services in FP2021 (July 2020 - Dec 2021)

## Scope 3 category 6: Business travel

Base year start

July 1, 2015

Base year end

June 30, 2016

Base year emissions (metric tons CO2e)

92

Comment

#### Scope 3 category 7: Employee commuting

Base year start

Base year end

Base year emissions (metric tons CO2e)



## Comment

Scope 3 category 8: Upstream leased assets	
Base year start	
Base year end	
Base year emissions (metric tons CO2e)	
Comment	
Scope 3 category 9: Downstream transportation and distribution	
Base year start	
Base year end	
Base year emissions (metric tons CO2e)	
Comment	
Scope 3 category 10: Processing of sold products	



	Base year start
	Base year end
	Base year emissions (metric tons CO2e)
	Comment
Sc	cope 3 category 11: Use of sold products
	Base year start
	Base year end
	Base year emissions (metric tons CO2e)
	Comment
Sc	cope 3 category 12: End of life treatment of sold products
	Base year start
	Base year end



#### **Base year emissions (metric tons CO2e)**

#### Comment

## **Scope 3 category 13: Downstream leased assets**

Base year start

July 1, 2015

Base year end

June 30, 2016

**Base year emissions (metric tons CO2e)** 

144,181

Comment

## Scope 3 category 14: Franchises

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment



Sco	ppe 3 category 15: Investments
	Base year start
	Base year end
	Base year emissions (metric tons CO2e)
	Comment
Sco	ppe 3: Other (upstream)
	Base year start
	Base year end
	Base year emissions (metric tons CO2e)
	Comment
Sco	ppe 3: Other (downstream)
	Base year start



Base year end

Base year emissions (metric tons CO2e)

Comment

# C5.3

(C5.3) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.

Defra Environmental Reporting Guidelines: Including streamlined energy and carbon reporting guidance, 2019

# C6. Emissions data

## **C6.1**

(C6.1) What were your organization's gross global Scope 1 emissions in metric tons CO2e?

#### Reporting year

**Gross global Scope 1 emissions (metric tons CO2e)** 

52

Start date

January 1, 2021

End date

December 31, 2021



#### Comment

## Past year 1

## **Gross global Scope 1 emissions (metric tons CO2e)**

80

Start date

July 1, 2019

**End date** 

June 30, 2020

Comment

# Past year 2

## **Gross global Scope 1 emissions (metric tons CO2e)**

0

Start date

July 1, 2018

**End date** 

June 30, 2019

Comment

#### Past year 3



#### **Gross global Scope 1 emissions (metric tons CO2e)**

0.2

Start date

July 1, 2017

**End date** 

June 30, 2018

Comment

## C6.2

(C6.2) Describe your organization's approach to reporting Scope 2 emissions.

#### Row 1

## Scope 2, location-based

We are not reporting a Scope 2, location-based figure

#### Scope 2, market-based

We are reporting a Scope 2, market-based figure

#### Comment

Data for emissions generated for electricity was obtained from Malaysian Green Technology and Climate Change Centre

# C6.3

(C6.3) What were your organization's gross global Scope 2 emissions in metric tons CO2e?

## Reporting year



	12,622
	Start date January 1, 2021
	End date December 31, 2021
	Comment
Pa	est year 1
	Scope 2, market-based (if applicable)
	Start date
	End date
	Comment
Pa	est year 2
	Scope 2, market-based (if applicable)
	Start date



End date	
Comment	
Past year 3	
Scope 2, mar	ket-based (if applicable)
Start date	
End date	
Comment	
C6.4	
	cources (e.g. facilities, specific GHGs, activities, geographies, etc.) of Scope 1 and Scope 2 emissions that are reporting boundary which are not included in your disclosure?
C6.5	
(C6.5) Account for yo	ur organization's gross global Scope 3 emissions, disclosing and explaining any exclusions.
Purchased goods	and services



#### **Evaluation status**

Relevant, calculated

#### **Emissions in reporting year (metric tons CO2e)**

0

#### **Emissions calculation methodology**

Average data method

#### Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

#### Please explain

We purchase products with eco-labels such as PEFC and FSC-certified products. Hence, we calculated the emission avoidance from this practice. 209 tonnes of CO2e emissions avoided by practising sustainable purchasing of goods in 2021.

## **Capital goods**

#### **Evaluation status**

Not evaluated

#### Please explain

#### Fuel-and-energy-related activities (not included in Scope 1 or 2)

#### **Evaluation status**

Not evaluated

## Please explain

#### **Upstream transportation and distribution**



#### **Evaluation status**

Not evaluated

#### Please explain

#### Waste generated in operations

#### **Evaluation status**

Relevant, calculated

#### **Emissions in reporting year (metric tons CO2e)**

3,250

#### **Emissions calculation methodology**

Waste-type-specific method

#### Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

## Please explain

Efficient waste management continues to be a key area in our environmental management. We strongly believe in waste prevention where possible, as we strive to reduce our waste to landfills from across our operations. We also reported the emission avoidance from diverting waste from landfills.

#### **Business travel**

#### **Evaluation status**

Relevant, calculated

#### **Emissions in reporting year (metric tons CO2e)**

43



#### **Emissions calculation methodology**

Fuel-based method

Distance-based method

## Percentage of emissions calculated using data obtained from suppliers or value chain partners

O

#### Please explain

We reported the emissions from business travel based on the claims made by employees through internal staff claim system.

#### **Employee commuting**

#### **Evaluation status**

Relevant, not yet calculated

#### Please explain

## **Upstream leased assets**

#### **Evaluation status**

Not relevant, explanation provided

#### Please explain

#### **Downstream transportation and distribution**

#### **Evaluation status**

Relevant, not yet calculated

## Please explain



## **Processing of sold products**

**Evaluation status** 

Not evaluated

Please explain

#### **Use of sold products**

**Evaluation status** 

Not evaluated

Please explain

## End of life treatment of sold products

#### **Evaluation status**

Not evaluated

Please explain

#### **Downstream leased assets**

#### **Evaluation status**

Relevant, calculated

**Emissions in reporting year (metric tons CO2e)** 

81,007

**Emissions calculation methodology** 



Asset-specific method

## Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

#### Please explain

The reported emission is based on the purchased electricity consumption of Sunway's managed properties occupied by tenants.

#### **Franchises**

#### **Evaluation status**

Not relevant, explanation provided

#### Please explain

## Other (upstream)

#### **Evaluation status**

Not relevant, explanation provided

### Please explain

#### Other (downstream)

#### **Evaluation status**

Not relevant, explanation provided

## Please explain



## C6.5a

(C6.5a) Disclose or restate your Scope 3 emissions data for previous years.

#### Past year 1

#### Start date

July 1, 2019

#### End date

June 30, 2020

Scope 3: Purchased goods and services (metric tons CO2e)

Scope 3: Capital goods (metric tons CO2e)

Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

Scope 3: Upstream transportation and distribution (metric tons CO2e)

Scope 3: Waste generated in operations (metric tons CO2e)

3,933

**Scope 3: Business travel (metric tons CO2e)** 

336

Scope 3: Employee commuting (metric tons CO2e)

Start date



Scope 3: Upstream leased assets (metric tons CO2e) Scope 3: Downstream transportation and distribution (metric tons CO2e) Scope 3: Processing of sold products (metric tons CO2e) Scope 3: Use of sold products (metric tons CO2e) Scope 3: End of life treatment of sold products (metric tons CO2e) Scope 3: Downstream leased assets (metric tons CO2e) 113,195 **Scope 3: Franchises (metric tons CO2e)** Scope 3: Other (upstream) (metric tons CO2e) Scope 3: Other (downstream) (metric tons CO2e) Comment Past year 2



July 1, 2018

#### End date

June 30, 2019

Scope 3: Purchased goods and services (metric tons CO2e)

Scope 3: Capital goods (metric tons CO2e)

Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

Scope 3: Upstream transportation and distribution (metric tons CO2e)

Scope 3: Waste generated in operations (metric tons CO2e)

Scope 3: Business travel (metric tons CO2e)

198

Scope 3: Employee commuting (metric tons CO2e)

Scope 3: Upstream leased assets (metric tons CO2e)

Scope 3: Downstream transportation and distribution (metric tons CO2e)

Scope 3: Processing of sold products (metric tons CO2e)



Scope 3: Use of sold products (metric tons CO2e)

Scope 3: End of life treatment of sold products (metric tons CO2e)

Scope 3: Downstream leased assets (metric tons CO2e)

123,508

**Scope 3: Franchises (metric tons CO2e)** 

Scope 3: Other (upstream) (metric tons CO2e)

Scope 3: Other (downstream) (metric tons CO2e)

Comment

#### Past year 3

#### Start date

July 1, 2017

#### End date

June 30, 2018

Scope 3: Purchased goods and services (metric tons CO2e)



- **Scope 3: Capital goods (metric tons CO2e)**
- Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)
- Scope 3: Upstream transportation and distribution (metric tons CO2e)
- Scope 3: Waste generated in operations (metric tons CO2e)

  848
- Scope 3: Business travel (metric tons CO2e)
  158
- Scope 3: Employee commuting (metric tons CO2e)
- Scope 3: Upstream leased assets (metric tons CO2e)
- Scope 3: Downstream transportation and distribution (metric tons CO2e)
- Scope 3: Processing of sold products (metric tons CO2e)
- Scope 3: Use of sold products (metric tons CO2e)
- Scope 3: End of life treatment of sold products (metric tons CO2e)



Scope 3: Downstream leased assets (metric tons CO2e)

123,660

**Scope 3: Franchises (metric tons CO2e)** 

Scope 3: Other (upstream) (metric tons CO2e)

Scope 3: Other (downstream) (metric tons CO2e)

Comment

## C6.10

(C6.10) Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO2e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.

**Intensity figure** 

Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)

**Metric denominator** 

Metric denominator: Unit total



Scope 2 figure used

% change from previous year

**Direction of change** 

Reason for change

# C7. Emissions breakdowns

## C7.9

(C7.9) How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to those of the previous reporting year?

Increased

# C7.9a

(C7.9a) Identify the reasons for any change in your gross global emissions (Scope 1 and 2 combined), and for each of them specify how your emissions compare to the previous year.

	Change in emissions (metric tons CO2e)	Direction of change	Emissions value (percentage)	Please explain calculation
Change in renewable	676	Increased	5.3	Sunway has invested in solar power generation since 2020 and
energy consumption				has been expanding our solar power generation.
				Change (increase) in renewable energy generation in 2021 =



				676 tonnes CO2e. Total emissions (Scope 1+2) for 2020 =12,674 tonnes CO2e. % change = 676 / 12,674 = 5.3%
Other emissions reduction activities	131	Increased	1	As part of pollution management, Sunway has been reporting the amount of emission avoided from diversion of waste from landfills.  Change (decrease) in waste diversion in 2021 = 131 tonnes CO2e.  Total emissions (Scope 1+2) for 2020 = 12,674 tonnes CO2e. % change = 131 / 12,674 = 1.0%
Divestment				
Acquisitions				
Mergers				
Change in output				
Change in methodology				
Change in boundary				
Change in physical operating conditions				
Unidentified				
Other				



## C7.9b

(C7.9b) Are your emissions performance calculations in C7.9 and C7.9a based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?

Market-based

# C8. Energy

## **C8.1**

(C8.1) What percentage of your total operational spend in the reporting year was on energy?

More than 5% but less than or equal to 10%

## **C8.2**

#### (C8.2) Select which energy-related activities your organization has undertaken.

	Indicate whether your organization undertook this energy-related activity in the reporting year
Consumption of fuel (excluding feedstocks)	No
Consumption of purchased or acquired electricity	Yes
Consumption of purchased or acquired heat	No
Consumption of purchased or acquired steam	No
Consumption of purchased or acquired cooling	No
Generation of electricity, heat, steam, or cooling	Yes

# C8.2a

(C8.2a) Report your organization's energy consumption totals (excluding feedstocks) in MWh.



	MWh from renewable sources	MWh from non-renewable sources	Total (renewable and non-renewable) MWh
Consumption of purchased or acquired electricity		124,716	124,716
Consumption of self-generated non-fuel renewable energy	1,168		1,168
Total energy consumption	1,168	124,716	125,884

# C8.2g

(C8.2g) Provide a breakdown of your non-fuel energy consumption by country.

## Country/area

Malaysia

**Consumption of electricity (MWh)** 

125,884

Consumption of heat, steam, and cooling (MWh)

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

125,884



# C9. Additional metrics

## C9.1

(C9.1) Provide any additional climate-related metrics relevant to your business.

#### **Description**

Energy usage

#### Metric value

96

#### **Metric numerator**

kWh/m2/year Office: 96

### **Metric denominator (intensity metric only)**

kWh

#### % change from previous year

0.84

## **Direction of change**

Decreased

#### Please explain

Despite an increase in total Gross Floor Area, the REIT's overall energy consumption has decreased since 2020 due to below normal capacity operations in our buildings during Movement Control Orders (MCOs), which did not reflect a business-as-usual scenario. Our Building Energy Intensity (BEI) decreased overall from FY2020 to FP2021.



## **Description**

Energy usage

#### Metric value

185

#### **Metric numerator**

kWh/m2/year Retail: 185

#### **Metric denominator (intensity metric only)**

kWh

#### % change from previous year

0.74

## **Direction of change**

Decreased

#### Please explain

Despite an increase in total Gross Floor Area, the REIT's overall energy consumption has decreased since 2020 due to below normal capacity operations in our buildings during Movement Control Orders (MCOs), which did not reflect a business-as-usual scenario. Our Building Energy Intensity (BEI) decreased overall from FY2020 to FP2021.

## Description

Energy usage

#### **Metric value**

186



#### **Metric numerator**

kWh/m2/year Hospitality: 186

#### Metric denominator (intensity metric only)

kWh

#### % change from previous year

0.86

#### **Direction of change**

#### Please explain

Despite an increase in total Gross Floor Area, the REIT's overall energy consumption has decreased since 2020 due to below normal capacity operations in our buildings during Movement Control Orders (MCOs), which did not reflect a business-as-usual scenario. Our Building Energy Intensity (BEI) decreased overall from FY2020 to FY2021.

#### **Description**

Waste

#### **Metric value**

6

#### **Metric numerator**

% diverted waste

#### Metric denominator (intensity metric only)

diverted waste / disposed waste (tonne)

## % change from previous year



0.05

#### **Direction of change**

Decreased

#### Please explain

Our total waste generated in FY2021 decreased compared to FY2020 due to lesser waste generated during the MCO. We managed to divert 6% of our waste from landfill in FY2021 as we continued to manage our waste based on the hierarchy.

# C10. Verification

## C10.1

(C10.1) Indicate the verification/assurance status that applies to your reported emissions.

	Verification/assurance status
Scope 1	Third-party verification or assurance process in place
Scope 2 (location-based or market-based)	Third-party verification or assurance process in place
Scope 3	Third-party verification or assurance process in place

# C10.1a

(C10.1a) Provide further details of the verification/assurance undertaken for your Scope 1 emissions, and attach the relevant statements.

Verification or assurance cycle in place

Annual process



#### Status in the current reporting year

Complete

#### Type of verification or assurance

Limited assurance

#### Attach the statement

REIT IR 2021.pdf REIT IR 2021.pdf

#### Page/ section reference

326 - 328

#### Relevant standard

ISAE3000

#### Proportion of reported emissions verified (%)

100

# C10.1b

(C10.1b) Provide further details of the verification/assurance undertaken for your Scope 2 emissions and attach the relevant statements.

### Scope 2 approach

Scope 2 market-based

#### Verification or assurance cycle in place

Annual process



## Status in the current reporting year

Complete

#### Type of verification or assurance

Limited assurance

#### Attach the statement

REIT IR 2021.pdf

### Page/ section reference

page 326 - 328

Relevant standard

Proportion of reported emissions verified (%)

## C10.1c

(C10.1c) Provide further details of the verification/assurance undertaken for your Scope 3 emissions and attach the relevant statements.

## **Scope 3 category**

Scope 3: Purchased goods and services

Scope 3: Waste generated in operations

Scope 3: Business travel

Scope 3: Downstream transportation and distribution



### Verification or assurance cycle in place

Annual process

#### Status in the current reporting year

Complete

#### Type of verification or assurance

Limited assurance

#### Attach the statement

REIT IR 2021.pdf

#### Page/section reference

page 326 - 328

#### Relevant standard

ISAE3000

#### Proportion of reported emissions verified (%)

100

# C10.2

(C10.2) Do you verify any climate-related information reported in your CDP disclosure other than the emissions figures reported in C6.1, C6.3, and C6.5?

Yes

# C10.2a

(C10.2a) Which data points within your CDP disclosure have been verified, and which verification standards were used?



Disclosure module verification relates to	Data verified	Verification standard	Please explain
C1. Governance	Other, please specify Goal 4: Respecting Ethical Principles	ISAE3000	The Sustainability Statement is verified by the third party
C4. Targets and performance	Energy consumption	ISAE3000	The Sustainability Statement is verified by the third party
C5. Emissions performance	Progress against emissions reduction target	ISAE3000	The Sustainability Statement is verified by the third party
C6. Emissions data	Progress against emissions reduction target	ISAE3000	The Sustainability Statement is verified by the third party
C8. Energy	Energy consumption	ISAE3000	The Sustainability Statement is verified by the third party
C8. Energy	Renewable energy products	ISAE3000	The Sustainability Statement is verified by the third party
C2. Risks and opportunities	Other, please specify Risks and opportunities under TCFD		

# C11. Carbon pricing

# C11.2

(C11.2) Has your organization originated or purchased any project-based carbon credits within the reporting period?

# C11.3

(C11.3) Does your organization use an internal price on carbon?



Yes

# C11.3a

(C11.3a) Provide details of how your organization uses an internal price on carbon.

#### Objective for implementing an internal carbon price

Change internal behavior

Drive energy efficiency

Drive low-carbon investment

#### **GHG Scope**

Scope 1

Scope 2

#### **Application**

Sunway REIT is aligned with Sunway Berhad's to be Net Zero Carbon Emissions by 2050. From now until 2030, Sunway's focus is on reducing residual emissions by improving efficiency and using energy substitution. The Internal Carbon Pricing framework is a mechanism/decision-making tool that can help our business divisions to understand their exposure to external carbon pricing schemes, guide their decisions and investments and put a value on their greenhouse gas (GHG) emissions in a way that drives positive change in their business. We target for our managed and industrial properties to reduce their emissions per tonne of production by 4%, per year by 2030 using 2022 as a base year.

#### Actual price(s) used (Currency /metric ton)

15

# Variance of price(s) used

A consistent internal carbon price is used across managed and industrial properties in Malaysia.

#### Type of internal carbon price

Internal fee



#### Impact & implication

The Internal Carbon Pricing framework is a mechanism for the business divisions to start preparing for the potential transition risks from climate-related issues at RM15 per tonne of CO2e emitted above a threshold level.

# C12. Engagement

# C12.1

(C12.1) Do you engage with your value chain on climate-related issues?

Yes, our suppliers

# C12.1a

(C12.1a) Provide details of your climate-related supplier engagement strategy.

#### Type of engagement

Engagement & incentivization (changing supplier behavior)

### **Details of engagement**

Other, please specify
Sustainable Procurement Policy

% of suppliers by number

% total procurement spend (direct and indirect)

100

% of supplier-related Scope 3 emissions as reported in C6.5



100

#### Rationale for the coverage of your engagement

Sunway REIT is aligned with Sunway Group which has adopted the 17 United Nations Sustainable Development Goals (UNSDGs) and is committed to establish a best practice approach to sustainable procurement. In line with the commitment, we have adopted the Sunway Berhad Sustainable Procurement Policy. This policy shall cover all employees of Sunway REIT. This Policy is also applicable to the following external parties; including but not limited to Sunway REIT's suppliers

#### Impact of engagement, including measures of success

The supplier selection process will favor suppliers that adopt sustainability practices in their organisation based on the following categories:

- a) Environmental
- i. Minimizes environmental footprint of the goods and services over the life cycle (e.g. choosing products and services that have lower adverse impacts associated with any stage in their production, use or disposal.)
- ii. Environmental footprint includes but not limited to climate change, energy use, water use and biodiversity.
- iii. Provides goods and services that are certified with eco labels.
- iv. Introduces take-back service3 at the products' end of life.
- b) Social
- i. Provides non-discriminatory, healthy and safe environment to the employees.
- ii. Supports the right to freedom of association and collective bargaining.
- iii. Provides goods and services that are certified with social labels.
- iv. Prohibits slavery and use of forced or child labor across supply chain.
- v. Zero tolerance on supplier violation of Employment Act 1955.

Suppliers are advised to make a declaration if they are aware that their products consist of hazardous components and/or materials (e.g. chemicals, toxic, require special handling of waste)

Sunway REIT adopted the policy and required all suppliers who completed the supplier registration forms to declare their current ESG practices via Supplier Environmental and Social Risk Assessment forms. The information provided was recorded and kept by all business segments. We introduced sustainable procurement best practices to our employees and suppliers. Our suppliers are able to refer to the Sustainable



Procurement Policy as a guideline to benchmark their ESG practices against industry best practices. All Sunway REIT suppliers must comply with all relevant laws, regulations and standards, and any supplier found to have violated these will be removed from our supply chain.

#### Comment

# C-FS12.2

#### (C-FS12.2) Does your organization exercise voting rights as a shareholder on climate-related issues?

	Exercise voting rights as a shareholder on climate-related issues	Primary reason for not exercising voting rights as a shareholder on climate-related issues	Explain why you do not exercise voting rights on climate-related issues
Row	No, and we do not plan to in the next two		
1	years		

# C12.3

(C12.3) Does your organization engage in activities that could either directly or indirectly influence policy, law, or regulation that may impact the climate?

#### Row 1

Direct or indirect engagement that could influence policy, law, or regulation that may impact the climate

Yes, we engage directly with policy makers

Does your organization have a public commitment or position statement to conduct your engagement activities in line with the goals of the Paris Agreement?

Yes

Attach commitment or position statement(s)



REIT IR 2021.pdf

# Describe the process(es) your organization has in place to ensure that your engagement activities are consistent with your overall climate change strategy

1) On Track Towards Achieving 2030 Targets

We have set future value goals and 2030 targets to transform our portfolios to low-carbon sustainable cities. The strategic framework includes:

- Decarbonisation
- Resource management
- Pollution management

#### 2) Accelerating Decarbonisation

From now until 2030, Sunway's focus is on reducing residual emissions by improving efficiency and using energy substitution. In 2021, we established an Internal Carbon Pricing framework to start preparing for the potential transition risks from climate-related issues at RM15 per tonne of CO2e emitted above a threshold level. This is a mechanism/decision-making tool that can help our business divisions to understand their exposure to external carbon pricing schemes, guide their decisions and investments and put a value on their greenhouse gas (GHG) emissions in a way that drives positive change in their business. We target for our managed and industrial properties to reduce their emissions per tonne of production by 4%, per year by 2030 using 2022 as a base year. The implementation includes:

- Internal Carbon Pricing
- Engaging with stakeholders to reduce Scope 3 emissions
- 3) Getting to Net Zero

To get to net zero carbon emissions by 2050, we plan to focus on carbon offset technology. The implementation includes:

- Carbon storage and capture
- Investment in large-scale renewable energy



# C12.3a

(C12.3a) On what policy, law, or regulation that may impact the climate has your organization been engaging directly with policy makers in the reporting year?

#### Focus of policy, law, or regulation that may impact the climate

Mandatory climate-related reporting

Specify the policy, law, or regulation on which your organization is engaging with policy makers

Sustainability reporting framework

Policy, law, or regulation geographic coverage

National

Country/region the policy, law, or regulation applies to

Malaysia

Your organization's position on the policy, law, or regulation

Neutral

#### Description of engagement with policy makers

We publish annual sustainability report to meet the mandatory requirements by Bursa Malaysia Main Market Listing Requirements on sustainability reporting for all public listed companies. We ensure that the criteria on climate-related issues by Bursa is addressed in our sustainability reporting. In addition to that, Sunway is one of the companies that have been invited by Bursa to provide feedback on the proposed amendments to the Main Market Listing Requirements in relation to Sustainability Reporting Framework.

Details of exceptions (if applicable) and your organization's proposed alternative approach to the policy, law or regulation

Have you evaluated whether your organization's engagement is aligned with the goals of the Paris Agreement?



Yes, we have evaluated, and it is aligned

# C12.4

(C12.4) Have you published information about your organization's response to climate change and GHG emissions performance for this reporting year in places other than in your CDP response? If so, please attach the publication(s).

#### **Publication**

In mainstream reports, incorporating the TCFD recommendations

#### Status

Complete

#### Attach the document

REIT IR 2021.pdf

# Page/Section reference

#### **Content elements**

Governance

Strategy

Risks & opportunities

**Emissions figures** 

**Emission targets** 

Other metrics

#### Comment



# C-FS12.5

(C-FS12.5) Indicate the collaborative frameworks, initiatives and/or commitments related to environmental issues for which you are a signatory/member.

	Environmental collaborative framework, initiative and/or commitment	Describe your organization's role within each framework, initiative and/or commitment
Row 1	Science-Based Targets Initiative for Financial Institutions (SBTi-FI)	Official supporter
•	Task Force on Climate-related Financial Disclosures (TCFD)	
	UN Global Compact	

# C14. Portfolio Impact

# C-FS14.0

(C-FS14.0) For each portfolio activity, state the value of your financing and insurance of carbon-related assets in the reporting year.

Investing all carbon-related assets (Asset owner)

Are you able to report a value for the carbon-related assets?

No, and we do not plan to assess our portfolio's exposure in the next two years

Primary reason for not providing a value for the financing and/or insurance to carbon-related assets

Please explain why you are not providing a value for the financing and/or insurance to carbon-related assets and your plans for the future



### Investing in coal (Asset owner)

#### Are you able to report a value for the carbon-related assets?

No, and we do not plan to assess our portfolio's exposure in the next two years

Primary reason for not providing a value for the financing and/or insurance to carbon-related assets

Please explain why you are not providing a value for the financing and/or insurance to carbon-related assets and your plans for the future

#### Investing in oil and gas (Asset owner)

#### Are you able to report a value for the carbon-related assets?

No, and we do not plan to assess our portfolio's exposure in the next two years

Primary reason for not providing a value for the financing and/or insurance to carbon-related assets

Please explain why you are not providing a value for the financing and/or insurance to carbon-related assets and your plans for the future

# C-FS14.1

### (C-FS14.1) Does your organization measure its portfolio impact on the climate?

	We conduct analysis on our portfolio's impact on the climate	Please explain why you do not measure the impact of your portfolio on the climate
Investing (Asset owner)	No, and we do not plan to do so in the next two years	



# C-FS14.3

### (C-FS14.3) Did your organization take any actions in the reporting year to align your portfolio with a 1.5°C world?

	Actions taken to align our portfolio with a 1.5°C world
Investing (Asset owner)	Yes

# C-FS14.3a

### (C-FS14.3a) Does your organization assess if your clients/investees' business strategies are aligned with a 1.5°C world?

	Assessment of alignment of clients/investees' strategies	with a 1	5°C w	vorld
	Assessment of anythine it of chefts/investees strategies	with a 1.	3 C W	
Investing (Asset owner)	Yes, for all			

# C15. Biodiversity

# C15.1

# (C15.1) Is there board-level oversight and/or executive management-level responsibility for biodiversity-related issues within your organization?

Board-level oversight and/or executive management-level responsibility for biodiversity-related issues	
Row 1	No, and we do not plan to have both within the next two years

# C15.2

### (C15.2) Has your organization made a public commitment and/or endorsed any initiatives related to biodiversity?

Indicate whether your organization made a public commitment or endorsed any initiatives related to biodiversity

Biodiversity-related public commitments



Rov	Yes, we have made public commitments only	Other, please specify
1		Sunway Berhad Biodiversity Policy

# C15.3

#### (C15.3) Does your organization assess the impact of its value chain on biodiversity?

	Does your organization assess the impact of its value chain on biodiversity?
Row 1	No, and we do not plan to assess biodiversity-related impacts within the next two years

# C15.4

# (C15.4) What actions has your organization taken in the reporting year to progress your biodiversity-related commitments?

		Have you taken any actions in the reporting period to progress your biodiversity-related commitments?	Type of action taken to progress biodiversity- related commitments
R <sub>0</sub>	ow	Yes, we are taking actions to progress our biodiversity-related commitments	Land/water management

# C15.5

#### (C15.5) Does your organization use biodiversity indicators to monitor performance across its activities?

	Does your organization use indicators to monitor biodiversity performance?	Indicators used to monitor biodiversity performance
Row 1	No	

# C15.6

(C15.6) Have you published information about your organization's response to biodiversity-related issues for this reporting year in places other than in your CDP response? If so, please attach the publication(s).



Report type	Content elements	Attach the document and indicate where in the document the relevant biodiversity information is located
Corporate website and Sustainability Statement	Content of biodiversity-related policies or commitments Biodiversity strategy	<b>U</b> 1

# C16. Signoff

# C-FI

(C-FI) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored.

No further information

# C16.1

(C16.1) Provide details for the person that has signed off (approved) your CDP climate change response.

	Job title	Corresponding job category
Row 1	Manager - Sustainability	Environment/Sustainability manager

# **Submit your response**

In which language are you submitting your response?

English

Please confirm how your response should be handled by CDP



	I understand that my response will be shared with all requesting stakeholders	Response permission
Please select your submission options	Yes	Public

# Please confirm below

I have read and accept the applicable Terms