

## W0. Introduction

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### W0.1

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**(W0.1) Give a general description of and introduction to your organization.**

Sunway REIT was listed on the Main Market of Bursa Malaysia on 8 July 2010. The market capitalisation of Sunway REIT stood at RM5.0 billion as at 31 December 2022.

Sunway REIT owns a portfolio of 20 assets comprising five retail properties, six hotels, five offices, two industrial properties, a medical centre and an education asset with a combined property value of RM9.1 billion as at 31 December 2022.

Sunway REIT's assets are primarily located in Sunway City where its flagship asset, Sunway Pyramid Mall, is located. Other assets in Sunway City include Sunway Resort Hotel, Sunway Pyramid Hotel, Sunway Lagoon Hotel, Menara Sunway, Sunway Pinnacle, Sunway Medical Centre (Tower A & B) and Sunway university & college campus.

Sunway REIT owns four properties in Kuala Lumpur, namely Sunway Tower, and three remaining assets that 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 four properties in Selangor, namely Wisma Sunway, Sunway REIT Industrial – Shah Alam 1, Sunway REIT Industrial – Petaling Jaya and Sunway Pier.

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 Mall in Penang.

### W0.2

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**(W0.2) State the start and end date of the year for which you are reporting data.**

	Start date	End date
Reporting year	January 1 2022	December 31 2022

### W0.3

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**(W0.3) Select the countries/areas in which you operate.**

Malaysia

### W0.4

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**(W0.4) Select the currency used for all financial information disclosed throughout your response.**

MYR

### W0.5

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**(W0.5) Select the option that best describes the reporting boundary for companies, entities, or groups for which water impacts on your business are being reported.**

Companies, entities or groups over which operational control is exercised

### W0.6

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**(W0.6) Within this boundary, are there any geographies, facilities, water aspects, or other exclusions from your disclosure?**

Yes

## W0.6a

### (W0.6a) Please report the exclusions.

Exclusion	Please explain
Retail - SunCity Ipoh Hypermarket	These are triple net lease properties which are not within our operational control.
Services - Sunway Medical Centre (Tower A & B) - Sunway university & college campus	These are triple net lease properties which are not within our operational control.
Industrial & Others - Sunway REIT Industrial – Shah Alam 1 - Sunway REIT Industrial – Petaling Jaya 1	These are triple net lease properties which are not within our operational control.
Retail - Sunway Pier	This is a new acquisition underdevelopment.

## W0.7

### (W0.7) 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

## W1. Current state

### W1.1

#### (W1.1) Rate the importance (current and future) of water quality and water quantity to the success of your business.

	Direct use importance rating	Indirect use importance rating	Please explain
Sufficient amounts of good quality freshwater available for use	Important	Vital	<p><b>Direct Use:</b> Based on World Resource Institute (WRI)'s Aqueduct tool, Malaysia is considered to have low overall water risk. Within the country, our operations are not in water-stressed areas, as most of our properties are located in urban areas.</p> <p>It is important to note that more than 54% of our total water withdrawal is sourced from fresh surface water specifically from Sunway South Quay Lake and treated via a water treatment plant and a small fraction, 0.3% comes from rainwater. Approximately 45% is sourced from third-party sources, specifically municipal water suppliers. It is crucial to have access to good quality freshwater that requires minimal treatment. Both our reliance on municipal supply and operation of our water treatment plant are contingent upon the availability of freshwater.</p> <p>For instance, in the event of freshwater contamination, it would significantly disrupt our water withdrawal and supply operations, leading to potential disruptions in our business activities.</p> <p><b>Indirect Use:</b> Water security is crucial for Sunway REIT's assets as we house water-intensive activities, such as F&amp;B outlets, retail and hotel operations. Uninterrupted water supply is essential for hotels to deliver hospitality services, encompassing hotel stays, conferences, and banquets.</p> <p>Additionally, water plays a significant role in the production and service provision of our mall tenants. With more than 50% of our tenants operating in the F&amp;B industries, a consistent freshwater supply is imperative. Without it, there would be severe shortages of products available for sale.</p> <p>Meanwhile, our office tenants require availability of water for sanitation purposes, drinking and pantry purposes.</p>
Sufficient amounts of recycled, brackish and/or produced water available for use	Not important at all	Not important at all	Not applicable to Sunway REIT because our water is sourced from fresh surface water or third-party sources.

### W1.2

#### (W1.2) Across all your operations, what proportion of the following water aspects are regularly measured and monitored?

	% of sites/facilities/operations	Frequency of measurement	Method of measurement	Please explain
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	% of sites/facilities/operations	Frequency of measurement	Method of measurement	Please explain
Water withdrawals – total volumes	100%	Monthly	We monitor our water withdrawals on a monthly basis by referring to the utility bills issued by municipal water suppliers and/or private utilities such as our water treatment plant. The volume of water used by our company is recorded in these monthly bills, providing us with accurate data to measure our water withdrawals. This helps us track our water usage patterns.	The total water withdrawal volume is a critical environmental key performance indicator for us, serving as a measure to track improvements in water efficiency. We consolidate the monthly data from all our assets, which is subsequently reported in our annual sustainability report. It is worth noting that our responses in this question pertain to the list of properties mentioned in question W0.1/ W06a.  We closely monitor water withdrawal volumes across all our assets. In 2022, our total water withdrawal amounted to 2,266,304 m3 across our operations. Approximately 54% of our total water withdrawal, equivalent to 1,227,384 m3, is sourced from fresh surface water, Sunway South Quay Lake and treated via water treatment plant before use. Additionally, a small fraction of our water supply, about 0.3% amounting to 6,649 m3, is obtained from rainwater sources. In 2022, we sourced 1,032,271m3 of water from third party sources, municipal water suppliers, which was 45% of our total needs.
Water withdrawals – volumes by source	100%	Monthly	We monitor our water withdrawals on a monthly basis by referring to the utility bills issued by municipal water suppliers and/or private utilities such as our water treatment plant. The volume of water used by our company is recorded in these monthly bills, providing us with accurate data to measure our water withdrawals. This helps us track our water usage patterns.	The total water withdrawal volume is a critical environmental key performance indicator for us, serving as a measure to track improvements in water efficiency. We consolidate the monthly data from all our assets, which is subsequently reported in our annual sustainability report. It is worth noting that our responses in this question pertain to the list of properties mentioned in question W0.1/ W06a.  We closely monitor water withdrawal volumes across all our assets. In 2022, our total water withdrawal amounted to 2,266,304 m3 across our operations. Approximately 54% of our total water withdrawal, equivalent to 1,227,384 m3, is sourced from fresh surface water, Sunway South Quay Lake and treated via water treatment plant before use. Additionally, a small fraction of our water supply, about 0.3% amounting to 6,649 m3, is obtained from rainwater sources. In 2022, we sourced 1,032,271m3 of water from third party sources, municipal water suppliers, which was 45% of our total needs.
Entrained water associated with your metals & mining and/or coal sector activities - total volumes [only metals and mining and coal sectors]	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Produced water associated with your oil & gas sector activities - total volumes [only oil and gas sector]	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Water withdrawals quality	Not monitored	<Not Applicable>	<Not Applicable>	Water discharge discharged from our assets are treated by Indah Water Konsortium (Malaysian national wastewater and sanitation company) and water discharge data reported is based on monthly tracked utility bills as water discharged is directed into the municipal sewerage system (third party destinations). We do not anticipate a change in the future as our business operations and activities will remain about the same.
Water discharges – total volumes	Not monitored	<Not Applicable>	<Not Applicable>	Water discharge discharged from our assets are treated by Indah Water Konsortium (Malaysian national wastewater and sanitation company) and water discharge data reported is based on monthly tracked utility bills as water discharged is directed into the municipal sewerage system (third party destinations). We do not anticipate a change in the future as our business operations and activities will remain about the same.
Water discharges – volumes by destination	Not monitored	<Not Applicable>	<Not Applicable>	Water discharge discharged from our assets are treated by Indah Water Konsortium (Malaysian national wastewater and sanitation company) and water discharge data reported is based on monthly tracked utility bills as water discharged is directed into the municipal sewerage system (third party destinations). We do not anticipate a change in the future as our business operations and activities will remain about the same.
Water discharges – volumes by treatment method	Not relevant	<Not Applicable>	<Not Applicable>	Water discharge discharged from our assets are treated by Indah Water Konsortium (Malaysian national wastewater and sanitation company) and water discharge data reported is based on monthly tracked utility bills as water discharged is directed into the municipal sewerage system (third party destinations). We do not anticipate a change in the future as our business operations and activities will remain about the same.
Water discharge quality – by standard effluent parameters	Not relevant	<Not Applicable>	<Not Applicable>	Water discharge discharged from our assets are treated by Indah Water Konsortium (Malaysian national wastewater and sanitation company) and water discharge data reported is based on monthly tracked utility bills as water discharged is directed into the municipal sewerage system (third party destinations). We do not anticipate a change in the future as our business operations and activities will remain about the same.
Water discharge quality – emissions to water (nitrates, phosphates, pesticides, and/or other priority substances)	Not relevant	<Not Applicable>	<Not Applicable>	Water discharge discharged from our assets are treated by Indah Water Konsortium (Malaysian national wastewater and sanitation company) and water discharge data reported is based on monthly tracked utility bills as water discharged is directed into the municipal sewerage system (third party destinations). We do not anticipate a change in the future as our business operations and activities will remain about the same.
Water discharge quality – temperature	Not relevant	<Not Applicable>	<Not Applicable>	Water discharge discharged from our assets are treated by Indah Water Konsortium (Malaysian national wastewater and sanitation company) and water discharge data reported is based on monthly tracked utility bills as water discharged is directed into the municipal sewerage system (third party destinations). We do not anticipate a change in the future as our business operations and activities will remain about the same.
Water consumption – total volume	Not relevant	<Not Applicable>	<Not Applicable>	We do not have water consumption.
Water recycled/reused	Not relevant	<Not Applicable>	<Not Applicable>	There is no direct recycling and reuse of water at our managed assets, hence water recycled/reused is not measured. However, 54% of our total water withdrawal is from fresh surface water that is sourced from the Sunway South Quay Lake and treated via a water treatment plant to reduce reliance on municipal supply - freeing up municipal supply for other locations while guaranteeing water security of our assets.  Sunway South Quay Lake serves as water catchment area for Sunway City Kuala Lumpur. Prior to the construction water treatment plant to treat the lake water for use as potable drinking water, the lake water is pumped out to the river to mitigate the risk of flooding. With the construction of this water treatment plant, a continuous water supply to our assets is ensured even during a water cut.
The provision of fully-functioning, safely managed WASH services to all workers	100%	Continuously	Regular assessments of the functionality of WASH services, employee and customer surveys.	Sunway REIT's managed properties are supplied with potable water from municipal suppliers which are provided with adequate water, sanitation and hygiene (WASH) services based on regulatory requirements. The services are accessible to all employees, tenants, visitors and customers.

## W1.2b

(W1.2b) What are the total volumes of water withdrawn, discharged, and consumed across all your operations, how do they compare to the previous reporting year, and how are they forecasted to change?

	Volume (megaliters/year)	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Five-year forecast	Primary reason for forecast	Please explain
Total withdrawals	2266	Higher	Increase/decrease in business activity	Higher	Increase/decrease in business activity	The overall increase in water withdrawal is due to increase in our number of managed assets and reflects a return to pre-pandemic levels. The total water consumption has increased along with the total Gross Floor Area (GFA). The water use intensity for Retail and Hotel increased due to the water usage in F&B operations. On the other hand, the water use intensity for Office has decreased due to water efficiency measures.
Total discharges		Please select	Please select	Please select	Please select	
Total consumption	0	About the same	Other, please specify (We do not have water consumption)	Unknown	Other, please specify (We do not have water consumption)	We do not have water consumption.

## W1.2d

(W1.2d) Indicate whether water is withdrawn from areas with water stress, provide the proportion, how it compares with the previous reporting year, and how it is forecasted to change.

	Withdrawals are from areas with water stress	% withdrawn from areas with water stress	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Five-year forecast	Primary reason for forecast	Identification tool	Please explain
Row 1	No	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	WRI Aqueduct	Based on World Resource Institute (WRI)'s Aqueduct tool, Malaysia is considered to have low overall water risk. Within the country, our operations are not in water-stressed areas, as most of our properties are located in urban areas.

## W1.2h

(W1.2h) Provide total water withdrawal data by source.

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Please explain
Fresh surface water, including rainwater, water from wetlands, rivers, and lakes	Relevant	1234	Higher	Increase/decrease in business activity	Approximately 54% of our total water withdrawal, equivalent to 1,227,384 m3, is sourced from fresh surface water, Sunway South Quay Lake and treated via water treatment plant before use. A small fraction of our water supply, about 0.3% amounting to 6,649 m3, is obtained from rainwater sources. In 2022, we sourced 1,032,271m3 of water from third party sources, municipal water suppliers, which was 45% of our total needs.
Brackish surface water/Seawater	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	No brackish surface water/seawater is withdrawn for use in our operations. Approximately 54% of our total water withdrawal, equivalent to 1,227,384 m3, is sourced from fresh surface water, Sunway South Quay Lake and treated via water treatment plant before use. A small fraction of our water supply, about 0.3% amounting to 6,649 m3, is obtained from rainwater sources. In 2022, we sourced 1,032,271m3 of water from third party sources, municipal water suppliers, which was 45% of our total needs.
Groundwater – renewable	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	No groundwater - renewable is withdrawn for use in our operations. Approximately 54% of our total water withdrawal, equivalent to 1,227,384 m3, is sourced from fresh surface water, Sunway South Quay Lake and treated via water treatment plant before use. A small fraction of our water supply, about 0.3% amounting to 6,649 m3, is obtained from rainwater sources. In 2022, we sourced 1,032,271m3 of water from third party sources, municipal water suppliers, which was 45% of our total needs.
Groundwater – non-renewable	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	No groundwater - non-renewable is withdrawn for use in our operations. Approximately 54% of our total water withdrawal, equivalent to 1,227,384 m3, is sourced from fresh surface water, Sunway South Quay Lake and treated via water treatment plant before use. A small fraction of our water supply, about 0.3% amounting to 6,649 m3, is obtained from rainwater sources. In 2022, we sourced 1,032,271m3 of water from third party sources, municipal water suppliers, which was 45% of our total needs.
Produced/Entrained water	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	No produced/entrained water is withdrawn for use in our operations. Approximately 54% of our total water withdrawal, equivalent to 1,227,384 m3, is sourced from fresh surface water, Sunway South Quay Lake and treated via water treatment plant before use. A small fraction of our water supply, about 0.3% amounting to 6,649 m3, is obtained from rainwater sources. In 2022, we sourced 1,032,271m3 of water from third party sources, municipal water suppliers, which was 45% of our total needs.
Third party sources	Relevant	1032	Higher	Increase/decrease in business activity	Approximately 54% of our total water withdrawal, equivalent to 1,227,384 m3, is sourced from fresh surface water, Sunway South Quay Lake and treated via water treatment plant before use. A small fraction of our water supply, about 0.3% amounting to 6,649 m3, is obtained from rainwater sources. In 2022, we sourced 1,032,271m3 of water from third party sources, municipal water suppliers, which was 45% of our total needs.

## W1.3

(W1.3) Provide a figure for your organization's total water withdrawal efficiency.

	Revenue	Total water withdrawal volume (megaliters)	Total water withdrawal efficiency	Anticipated forward trend
Row 1	651446000	2266	287487.20211827	We anticipate an increase in the total water withdrawal as the business recovers from pandemic. However, we aspire to maintain the overall water use efficiency and to reduce dependency on third party sources. Sunway has developed a Water Management Policy to move towards best water management practices.

W1.4

(W1.4) Do any of your products contain substances classified as hazardous by a regulatory authority?

	Products contain hazardous substances	Comment
Row 1	No	Not applicable to our business as we are not product manufacturers.

W1.5

(W1.5) Do you engage with your value chain on water-related issues?

	Engagement	Primary reason for no engagement	Please explain
Suppliers	Yes	<Not Applicable>	<Not Applicable>
Other value chain partners (e.g., customers)	Yes	<Not Applicable>	<Not Applicable>

W1.5a

(W1.5a) Do you assess your suppliers according to their impact on water security?

Row 1

**Assessment of supplier impact**

Yes, we assess the impact of our suppliers

**Considered in assessment**

Other, please specify (All suppliers are required to read our Sustainable Procurement Policy and complete Environmental & Social (E&S) Risk Assessment form as part of supplier registration process with our company)

**Number of suppliers identified as having a substantive impact**

0

**% of total suppliers identified as having a substantive impact**

None

**Please explain**

No suppliers have been identified based on the completed E&S Risk Assessment form.

W1.5b

(W1.5b) Do your suppliers have to meet water-related requirements as part of your organization's purchasing process?

	Suppliers have to meet specific water-related requirements	Comment
Row 1	Yes, suppliers have to meet water-related requirements, but they are not included in our supplier contracts	<Not Applicable>

W1.5c

**(W1.5c) Provide details of the water-related requirements that suppliers have to meet as part of your organization's purchasing process, and the compliance measures in place.**

**Water-related requirement**

Reporting against a sustainability index with water-related factors (e.g., DJSI, CDP Water Security questionnaire, etc.)

**% of suppliers with a substantive impact required to comply with this water-related requirement**

100%

**% of suppliers with a substantive impact in compliance with this water-related requirement**

None

**Mechanisms for monitoring compliance with this water-related requirement**

Supplier self-assessment

**Response to supplier non-compliance with this water-related requirement**

Retain and engage

**Comment**

Suppliers are encouraged to provide additional information as evidence that they comply to our Sustainable Procurement Policy. Our supplier selection process will favour suppliers that adopt sustainability practices in their operation which include but not limited;

- minimise environmental footprint of goods and services over the life cycle
- provide goods and services with ecolabel

Suppliers are advised to do a declaration if their products/ services contain hazardous materials e.g. chemicals, toxics, require special handling of waste.

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## W1.5d

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**(W1.5d) Provide details of any other water-related supplier engagement activity.**

**Type of engagement**

Innovation & collaboration

**Details of engagement**

Encourage/incentivize innovation to reduce water impacts in products and services

**% of suppliers by number**

100%

**% of suppliers with a substantive impact**

None

**Rationale for your engagement**

Suppliers are encouraged to provide additional information as evidence that they comply to our Sustainable Procurement Policy. Our supplier selection process will favour suppliers that adopt sustainability practices in their operation which include but not limited;

- minimise environmental footprint of goods and services over the life cycle
- provide goods and services with ecolabel

Suppliers are advised to do a declaration if their products/ services contain hazardous materials e.g. chemicals, toxics, require special handling of waste.

**Impact of the engagement and measures of success**

All potential suppliers are fully aware of our Sustainable Procurement Policy and are anticipated to be aligned with our policy to be shortlisted as our suppliers.

Success is measured based on availability of water - footprint related information from suppliers relevant to the services provided to us.

**Comment**

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## W1.5e

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**(W1.5e) Provide details of any water-related engagement activity with customers or other value chain partners.**

**Type of stakeholder**

Customers

**Type of engagement**

Innovation & collaboration

**Details of engagement**

Collaborate with stakeholders on innovations to reduce water impacts in products and services

Engage with stakeholders to advocate for policy or regulatory change

**Rationale for your engagement**

Sunway REIT is Malaysia's first REIT to introduce Green Lease Partnership Programme. We aim to achieve 100% tenants participation before or by 2030. Tenant and Hotel Lesses will commit to working together with us to improve energy efficiency, water saving measure and diversion of waste from landfills. This programme was introduced to encourage best international practices in sustainability and drive sustainability through behavioural change. We believe that we require the commitments of all components of society.

**Impact of the engagement and measures of success**

Tenants consume huge amount of water to provide services to customers (i.e., F&B services). More than 20% of tenants have signed our Green Lease Partnership Programme MoU. We aim to achieve 100% tenants' participation before or by 2030.

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## W2. Business impacts

### W2.1

(W2.1) Has your organization experienced any detrimental water-related impacts?

Yes

### W2.1a

(W2.1a) Describe the water-related detrimental impacts experienced by your organization, your response, and the total financial impact.

#### Country/Area & River basin

Malaysia	Other, please specify (Sungai Selangor, Sungai Langat, Sungai Muda)
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#### Type of impact driver & Primary impact driver

Acute physical	Flood (coastal, fluvial, pluvial, groundwater)
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#### Primary impact

Increased operating costs

#### Description of impact

In the reporting FY, there is no major damage from floods to our assets.

#### Primary response

Develop flood emergency plans

#### Total financial impact

0

#### Description of response

In the reporting FY, there is no major damage from floods to our assets.

### W2.2

(W2.2) In the reporting year, was your organization subject to any fines, enforcement orders, and/or other penalties for water-related regulatory violations?

	Water-related regulatory violations	Fines, enforcement orders, and/or other penalties	Comment
Row 1	No	<Not Applicable>	We are not subjected to any fines, enforcement orders, and/or other penalties for water-related regulatory violations in the reporting FY.

## W3. Procedures

### W3.1

(W3.1) Does your organization identify and classify potential water pollutants associated with its activities that could have a detrimental impact on water ecosystems or human health?

	Identification and classification of potential water pollutants	How potential water pollutants are identified and classified	Please explain
Row 1	No, we do not identify and classify our potential water pollutants	<Not Applicable>	<p>The main water pollutants associated with REITs assets operations are from F&amp;B activities and sanitation.</p> <p>All F&amp;B outlets within our assets are required to install grease traps to ensure wastewater that is discharged has minimal oil. These grease traps are services regularly by appointed contractors by tenants themselves and/or property managers.</p> <p>Wastewater discharged from our assets are treated by Indah Water Konsortium (Malaysian national wastewater and sanitation company) before water discharged is directed into the municipal sewerage system (third party destinations). We do not anticipate a change in the future as our business operations and activities will remain about the same.</p>

### W3.3

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**(W3.3) Does your organization undertake a water-related risk assessment?**

Yes, water-related risks are assessed

**W3.3a**

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**(W3.3a) Select the options that best describe your procedures for identifying and assessing water-related risks.****Value chain stage**

Direct operations

**Coverage**

Full

**Risk assessment procedure**

Water risks are assessed as part of other company-wide risk assessment system

**Frequency of assessment**

Annually

**How far into the future are risks considered?**

More than 6 years

**Type of tools and methods used**

Other

**Tools and methods used**

Internal company methods

Scenario analysis

**Contextual issues considered**

Other, please specify (Reviewing and addressing water-related risks and opportunities regularly , ensuring regulatory compliance across all buildings and operation sites,)

**Stakeholders considered**

Customers

Employees

Investors

Local communities

NGOs

Regulators

Suppliers

Water utilities at a local level

**Comment**

As part of water-related risk management and to strengthen our water security strategy, all our managed properties were required to produce a Water Crisis SOP in 2021. The SOP specifies the emergency response process flow when a water disruption occurs, as well as important information such as the capacity of tanks and how long the water supply would last during a disruption. This enabled us to craft a more detailed action plan to ensure greater water security among Sunway REIT's managed properties.

All Sunway REIT's managed properties in Sunway City Kuala Lumpur (SCKL) are already connected to the water treatment plant and will be minimally impacted by any water supply disruptions during a municipal water crisis event. However, if the water treatment plant breaks down during the municipal water crisis event, six managed properties in SCKL (Sunway Pyramid Mall, Sunway Resort Hotel, Sunway Pyramid Hotel, Sunway Lagoon Hotel, Menara Sunway and Sunway Pinnacle) will be able to continue operating without disruptions to their water supply for at least a few days. This is due to their water tanks, which exceed the requirement of 24 hours' minimum capacity, mandated by the local authority.

As for non-Sunway City Kuala Lumpur properties in the Klang Valley, despite not being connected to any water treatment plant, all Sunway REIT's managed properties in the Klang Valley are assured of water security, as we have a water tanker on standby to be deployed to these assets during a municipal water crisis event. We have also determined the priority of deploying supply from the water tanker based on the water capacity of the five non-SCKL managed properties – Sunway Putra Mall, Sunway Putra Hotel, Sunway Tower, Sunway Putra Tower and Wisma Sunway. This guides us in deploying the water tanker accordingly based on the level of priority during water disruptions.

For the three managed properties located outside the Klang Valley, we have determined the duration the assets can last based on their water storage tank capacity.

Ultimately, Sunway aims to achieve at least five days of uninterrupted water supply from the onset of a water disruption event by 2030.

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**W3.3b**

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**(W3.3b) Describe your organization’s process for identifying, assessing, and responding to water-related risks within your direct operations and other stages of your value chain.**

	Rationale for approach to risk assessment	Explanation of contextual issues considered	Explanation of stakeholders considered	Decision-making process for risk response
Row 1	<p>In 2021, we appointed the Jeffrey Sachs Center on Sustainable Development (JSC) to quantify our climate Value at Risk (VaR) based on the worst-case scenario as part of our analysis of risk. The VaR, updated in 2022, identified and evaluated the physical risks and transition risks and opportunities of all our 19 properties, including leased properties, across our business segments. The VaR analysis recommended mitigation measures based on the assumption that the worst material physical risks, such as increased rainfall intensity and floods in Malaysia, would occur as a result of climate change. Upon the physical risk analysis, our properties were categorised as either high, medium or low risk properties. Sunway REIT’s property portfolio has low VaR overall although it is exposed to risks of flash floods and water seepage during heavy rain. Ten of the properties have low VaR while eight have medium VaR. One property, Sunway Pier, is classified as high VaR because of its close proximity to the coastline.</p>	<p>In recent years, Sunway REIT’s managed properties in Malaysia have experienced unscheduled water disruptions from municipal supply. However, through preventive and sustainable measures, we were able to keep our business operations running.</p> <p>All Sunway REIT’s managed properties in Sunway City Kuala Lumpur (SCKL) are already connected to the water treatment plant and will be minimally impacted by any water supply disruptions during a municipal water crisis event. As for non-Sunway City Kuala Lumpur properties in the Klang Valley, despite not being connected to any water treatment plant, all Sunway REIT’s managed properties in the Klang Valley are assured of water security, as we have a water tanker on standby to be deployed to these assets during a municipal water crisis event. For the three managed properties located outside the Klang Valley, we have determined the duration the assets can last based on their water storage tank capacity.</p>	<p>We consider the impact of our water-related risks to our customers, tenants, hotel guests, employees, and anyone else who might be directly impacted by these risks. As a REIT manager, physical risks to our assets are managed carefully as it involves potential operational and financial disruption to our businesses.</p>	<p>We adopted Sunway Berhad’s Water Management Policy, demonstrating our commitment to best water management practices.</p> <p>As part of water-related risk management and to strengthen our water security strategy, all our managed properties were required to produce a Water Crisis SOP in 2021. The SOP specifies the emergency response process flow when a water disruption occurs, as well as important information such as the capacity of tanks and how long the water supply would last during a disruption. This enabled us to craft a more detailed action plan to ensure greater water security among Sunway REIT’s managed properties. The SOP covers emergency planning to address water disruptions that occur during business operation hours.</p> <p>To reduce our reliance on a single supply, we have diversified our water sources. In addition to the municipal water supply, we also source water from Sunway South Quay Lake, which accounts for 54% of our water supply. This helps to mitigate the risk associated with relying solely on the municipal water supply and ensures a more reliable water source for our operations.</p> <p>By implementing sustainable practices such as rainwater harvesting, we aim to preserve water resources and minimise wastage. This does not only contribute to our overall water management goals but also aligns with broader environmental sustainability objectives.</p>

**W4. Risks and opportunities**

**W4.1**

**(W4.1) Have you identified any inherent water-related risks with the potential to have a substantive financial or strategic impact on your business?**

Yes, only within our direct operations

**W4.1a**

#### **(W4.1a) How does your organization define substantive financial or strategic impact on your business?**

In 2021, we appointed the Jeffrey Sachs Center on Sustainable Development (JSC) to quantify our climate Value at Risk (VaR) based on the worst-case scenario as part of our analysis of risk. The VaR, updated in 2022, identified and evaluated the physical risks and transition risks and opportunities of all our 19 properties, including leased properties, across our business segments. The VaR analysis recommended mitigation measures based on the assumption that the worst material physical risks, such as increased rainfall intensity and floods in Malaysia, would occur as a result of climate change. Upon the physical risk analysis, our properties were categorised as either high, medium or low risk properties. Sunway REIT's property portfolio has low VaR overall although it is exposed to risks of flash floods and water seepage during heavy rain. Ten of the properties have low VaR while eight have medium VaR. One property, Sunway Pier, is classified as high VaR because of its close proximity to the coastline.

Site inspections were also conducted at some properties to determine the risk level of the buildings and the mitigation measures taken. To systematically assess the material physical risks for each property, the JSC utilised the following analytical procedure:

1. The buildings were categorised according to Low, Medium and High VaR. While high-risk properties have higher physical risks and financial risks such as building repair costs due to floods, low-risk buildings have lower exposure to the risks. The VaR is categorised according to Low, Medium and High:

- **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. RM annual historical losses < RM5 mil)
- **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. RM annual historical losses ≥ RM5 mil)

2. The properties were assessed against the worst-case scenario as described by the Intergovernmental Panel on Climate Change (IPCC) Assessment Report 6, which was published in August 2021.

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 seepage as suggested by historical incidences at the local level.

The JSC also discussed the potential financial implications of climate-related physical risks and transition risks for Sunway in the short term (1-5 years), medium term (6-10 years) and long term (≥ 11 years) based on the Taskforce on Climate-Related Financial Disclosures (TCFD) framework.

#### **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 (Medium term to long term)
- Technology risk (Short term to long term)
- Market risk (Short term to long term)
- Reputation risk (short term to long term)

#### **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.

#### **Types of physical risks**

- Acute (Short term to long term)
- Chronic (Long term)

The risks are presented alongside potential financial risks and potential financial opportunities.

For more information, refer to Sunway REIT FY2022 Integrated Annual Report, page 137 - 145.

## W4.1b

(W4.1b) What is the total number of facilities exposed to water risks with the potential to have a substantive financial or strategic impact on your business, and what proportion of your company-wide facilities does this represent?

	Total number of facilities exposed to water risk	% company-wide facilities this represents	Comment
Row 1	19	100	<p>From the assessment, all Sunway REIT properties are exposed to the following climate-related physical risks;</p> <ul style="list-style-type: none"> <li>• Flash flood in times of heavy rain</li> <li>• Water seepages in times</li> </ul> <p>Sunway REIT's property risk exposure:                      Low VaR: Ten of the properties                      Medium VaR: Eight of the properties                      High VaR: One property</p> <p>The value at risk (VaR) is categorised according to Low, Medium, and High:                      - 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 &lt; 5% or max. RM annual historical losses &lt; RM5 mil)                      - 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. RM annual historical losses ≥ RM5 mil)</p> <p>Material floods have historically been observed to affect Sunway REIT's portfolio of property assets; however, they are not frequent. Moving forward, climate change will cause the frequency of these extreme acute weather events to increase.</p> <p>Please refer to FY2022 Intergrated Annual Report Page 137-146 for more details.</p>

## W4.1c

(W4.1c) By river basin, what is the number and proportion of facilities exposed to water risks that could have a substantive financial or strategic impact on your business, and what is the potential business impact associated with those facilities?

### Country/Area & River basin

Malaysia	Other, please specify (Sungai Selangor, Sungai Langat, Sungai Muda)
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### Number of facilities exposed to water risk

19

### % company-wide facilities this represents

100%

### Production value for the metals & mining activities associated with these facilities

<Not Applicable>

### % company's annual electricity generation that could be affected by these facilities

<Not Applicable>

### % company's global oil & gas production volume that could be affected by these facilities

<Not Applicable>

### % company's total global revenue that could be affected

100%

### Comment

All our facilities are located within Malaysia.

## W4.2

(W4.2) Provide details of identified risks in your direct operations with the potential to have a substantive financial or strategic impact on your business, and your response to those risks.

### Country/Area & River basin

Malaysia	Other, please specify (Sungai Selangor, Sungai Langat, Sungai Muda )
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### Type of risk & Primary risk driver

Acute physical	Pollution incident
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### Primary potential impact

Increased operating costs

### Company-specific description

Water pollution that occurs at water source would result in the shutdown of the municipal water supply for treatment procedures. This causes water disruption to our

managed properties.

#### Timeframe

More than 6 years

#### Magnitude of potential impact

Medium

#### Likelihood

Likely

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

No, we do not have this figure

#### Potential financial impact figure (currency)

<Not Applicable>

#### Potential financial impact figure - minimum (currency)

<Not Applicable>

#### Potential financial impact figure - maximum (currency)

<Not Applicable>

#### Explanation of financial impact

The need to pay for additional water or water tankers can directly impact a company's profitability. The costs associated with purchasing or renting water tankers, transporting water, and maintaining a consistent water supply can add up quickly.

Pollution-related water supply disruptions can have a detrimental effect on business continuity. For example, in the case of F&B services, such as restaurants or cafes, insufficient water supply can hinder their ability to operate at full capacity. Without an adequate water supply, these businesses may struggle to provide necessary services such as cooking, dishwashing, and maintaining hygiene standards. This can result in reduced revenue and customer dissatisfaction.

In the case of hotels, water supply disruptions caused by pollution can severely impact their operations. Guests rely on access to water for various purposes, including showering, laundry, and other amenities. If a hotel cannot provide these basic services due to water pollution, it may result in significant financial losses as guests may choose to cancel their reservations or avoid booking altogether.

Additionally, banquet services in hotels heavily rely on water for food preparation, cleaning, and overall operations. If pollution-related water disruptions occur, it can lead to the cancellation or postponement of events, affecting revenue streams and damaging the hotel's reputation.

Overall, pollution-related water supply disruptions can have a direct and negative financial impact on businesses. Increased expenses for alternative water sources and reduced operational capacity can hamper profitability, hinder business continuity, and negatively affect customer satisfaction.

#### Primary response to risk

Secure alternative water supply

#### Description of response

Sunway REIT has adopted Sunway Berhad's Water Management Policy in 2021, demonstrating our commitment to best water management practices. One of the key commitments outlined in the policy is the implementation of Water Crisis Standard Operating Procedures (SOPs) in all buildings and operations to effectively address water crises. This proactive approach allows the organisation to respond swiftly and efficiently to any water-related challenges that may arise. The SOP covers emergency planning to address water disruptions that occur during business operation hours. The assets have water-efficient fittings installed such as sensor taps, new faucets and water-efficient taps as part of our water-saving initiatives.

To reduce our reliance on a single supply, Sunway REIT has diversified their water sources. In addition to the municipal water supply, we also source water from Sunway South Quay Lake, which accounts for 54% of our total water supply. This strategy helps to mitigate the risk associated with relying solely on the municipal water supply and ensures a more secure and reliable water source for their operations.

By implementing sustainable practices such as rainwater harvesting, Sunway REIT aims to preserve water resources and minimise wastage. This does not only contribute to our overall water management goals but also aligns with broader environmental sustainability objectives.

Addressing hygiene issues, particularly in common areas such as malls, is another important consideration. By having an alternative water supply, Sunway can ensure a continuous water supply for toilets and other common facilities. This helps to maintain proper hygiene standards, ensuring the well-being and satisfaction of visitors and customers.

#### Cost of response

#### Explanation of cost of response

In terms of cost, it's important to consider that the cost of water from the water treatment plant is purchased at the same rate as the municipal water supply. Therefore, the financial aspect of accessing cleaner water may not necessarily be a barrier to overcome water pollution. However, the cost implications related to water pollution should also be considered. For instance, there can be costs associated with repairing damage caused by floods or disruptions to business operations due to water contamination. These costs can be addressed by implementing immediate response measures, such as cleanup and remediation efforts, as well as long-term strategies to reduce the likelihood of future pollution incidents.

In summary, overcoming water pollution requires collaborative efforts, stricter regulations, advanced water treatment technologies, sustainable practices, and public awareness. While there may be costs associated with addressing pollution and its consequences, the availability of water from the water treatment plant is at the same rate as the municipal water supplier, this ensures that financial considerations do not hinder the response. Additionally, in the context of TCFD, both immediate and long-term responses are necessary to minimise water-related costs and enhance water security.

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#### Country/Area & River basin

Malaysia	Other, please specify (Sungai Selangor, Sungai Langat, Sungai Muda)
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#### Type of risk & Primary risk driver

Acute physical	Flood (coastal, fluvial, pluvial, groundwater)
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## Primary potential impact

Closure of operations

## Company-specific description

In 2021, we appointed the Jeffrey Sachs Center on Sustainable Development (JSC) to quantify our climate Value at Risk (VaR) based on the worst-case scenario as part of our analysis of risk. The VaR, updated in 2022, identified and evaluated the physical risks and transition risks and opportunities of all our 19 properties, including leased properties, across our business segments. The VaR analysis recommended mitigation measures based on the assumption that the worst material physical risks, such as increased rainfall intensity and floods in Malaysia, would occur as a result of climate change.

Site inspections were also conducted at some properties to determine the risk level of the buildings and the mitigation measures taken. To systematically assess the material physical risks for each property, the JSC utilised the following analytical procedure:

1. The buildings were categorised according to Low, Medium and High VaR. While high-risk properties have higher physical risks and financial risks such as building repair costs due to floods, low-risk buildings have lower exposure to the risks.
2. The properties were assessed against the worst-case scenario as described by the Intergovernmental Panel on Climate Change (IPCC) Assessment Report 6, which was published in August 2021.
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 seepage as suggested by historical incidences at the local level.

Physical Risks: 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.

According to the report, there are two types of physical risks:

- Acute (Short term to long term)
- Chronic (Long term)

## Timeframe

Current up to one year

## Magnitude of potential impact

Medium

## Likelihood

About as likely as not

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

No, we do not have this figure

## Potential financial impact figure (currency)

<Not Applicable>

## Potential financial impact figure - minimum (currency)

<Not Applicable>

## Potential financial impact figure - maximum (currency)

<Not Applicable>

## Explanation of financial impact

Based on the climate VaR study, Sunway REIT's property portfolio has low VaR overall although it is exposed to risks of flash floods and water seepage during heavy rain. Ten of the properties have low VaR while eight have medium VaR. One property, Sunway Pier, is classified as high VaR because of its close proximity to the coastline.

If the risks are not managed correctly, this may result in property damage and higher capital expenditure and operational expenditure for affected sites, along with business interruption due to discontinued access to commercial centers and the potential loss of electricity, internet, water and energy supply. Based on the JSC report, potential financial risks caused by increasing frequency of extreme weather events (floods, heavy rain, landslides) are:

- Disruption of the provision of services dependent on the property asset thus loss of revenue
- Higher cost of repairs
- Higher insurance premiums

Property damage and repair costs: Flooding can cause significant damage to buildings, infrastructure, and other property assets owned by Sunway REIT. The costs associated with repairing and restoring the affected properties can be substantial. This includes expenses related to structural repairs, electrical systems, flooring, and other components. Insurance coverage may help offset some of these costs, depending on the policy terms and coverage limits.

Loss of rental income: If Sunway REIT assets experience flooding, they may become temporarily uninhabitable or unavailable for tenants. This can result in a loss of rental income during the period of repair and recovery.

Business interruption costs: Flooding can disrupt business operations, including those of commercial tenants within the REIT's properties. This can result in additional costs associated with business interruption insurance claims, temporary relocations, and supporting tenants in resuming their operations. These costs can impact the REIT's financial performance and profitability.

Potential costs include insurance premiums rising in line with extreme weather events. Following a flood event, insurance providers may reassess the risk profile of properties owned by Sunway REIT and adjust insurance premiums accordingly.

## Primary response to risk

Develop flood emergency plans

## Description of response

Extensive mitigation measures have been taken by Sunway REIT to enable the property to cope with the sea level rise (SLR) and floods estimated in the IPCC Assessment Report 6's worst-case scenario. Setting out the potential implications of climate-related physical risks and transition risks for Sunway REIT in the short, medium and long term based on the TCFD framework did not only identify potential financial risks but also potential financial opportunities. To this end, we are committed to continuing to improve our understanding of the water-related potential risks and opportunities and investing in strategies and actions that will effectively mitigate material risks. This will be in addition to enhancing Sunway REIT's business position as a provider of high-quality, green and sustainable properties.

In the context of the TCFD, water-related costs associated with floods, repairs, and business disruptions can be considered. To minimise these costs and enhance water

security, Sunway REIT focus on both immediate and long-term responses. Immediate responses include implementing flood prevention measures, improving infrastructure resilience, and implementing emergency response plans. Long-term responses involve reducing carbon emissions to mitigate climate change impacts and the frequency of extreme weather events, which can contribute to water-related risks.

**Cost of response**

**Explanation of cost of response**

Mitigation steps to minimise the portfolio's physical risks:

- Continuous monitoring of drains and gutters to ensure they are clear
- If economically viable, permanently stop water seepage from external gaps
- If practical, 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

Material floods have historically been observed to affect Sunway REIT's portfolio of property assets; however, they are not frequent. Moving forward, climate change will cause the frequency of these extreme acute weather events to increase.

**W4.2c**

**(W4.2c) Why does your organization not consider itself exposed to water risks in its value chain (beyond direct operations) with the potential to have a substantive financial or strategic impact?**

	Primary reason	Please explain
Row 1	Evaluation in progress	<p>More than 54% of our total water withdrawal is sourced from fresh surface water specifically from Sunway South Quay Lake and treated via a water treatment plant and a small fraction, 0.3% comes from rainwater. Approximately 45% is sourced from third-party sources, specifically municipal water suppliers. It is crucial to have access to good quality freshwater that requires minimal treatment. Both our reliance on municipal supply and operation of our water treatment plant are contingent upon the availability of freshwater.</p> <p>We understand that municipal water supplies affect not only Sunway but also our entire value chain.</p>

**W4.3**

**(W4.3) Have you identified any water-related opportunities with the potential to have a substantive financial or strategic impact on your business?**

Yes, we have identified opportunities, and some/all are being realized

**W4.3a**

**(W4.3a) Provide details of opportunities currently being realized that could have a substantive financial or strategic impact on your business.**

**Type of opportunity**

Resilience

**Primary water-related opportunity**

Increased supply chain resilience

**Company-specific description & strategy to realize opportunity**

Diversification of water sources: We have taken steps to reduce our dependence on a single water source by exploring alternative water supplies. This includes sourcing from fresh surface water specifically from Sunway South Quay Lake and treated via a water treatment plant as well as rainwater harvesting.

Water conservation measures: We have implemented robust water conservation practices throughout our operations. This includes the installation of water-efficient fixtures, regular maintenance and monitoring of water systems, and educating our staff and customers on responsible water usage.

Utilising our hotel and shopping mall facilities: One unique opportunity is the ability of Sunway REIT to offer support to individuals and businesses facing water shortages within their own residential or office spaces. Here's how we leverage our hotel and shopping mall facilities:

- Hotel as a temporary accommodation: Individuals or businesses experiencing water shortages can check into our hotel, which continues to operate at normal capacity. By offering a comfortable and reliable water supply, we provide temporary relief to those in need.

- Uninterrupted operation of the shopping mall: While commercial buildings may be struggling due to water shortages, our shopping mall can continue to operate as usual. Tenants can carry out their business activities without disruptions, and customers can still enjoy a seamless shopping experience.

**Estimated timeframe for realization**

Current - up to 1 year

**Magnitude of potential financial impact**

Low-medium

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

No, we do not have this figure

**Potential financial impact figure (currency)**

<Not Applicable>

**Potential financial impact figure – minimum (currency)**

<Not Applicable>

**Potential financial impact figure – maximum (currency)**

<Not Applicable>

**Explanation of financial impact**

The impact has not been quantified financially. While there may be costs associated with this strategy to realise the opportunity, the availability and cost of water from the water treatment plant is at the same rate as the municipal water supplier, this ensures that financial considerations do not hinder the response. Additionally, regardless of whether there are water disruptions or not, our business activities will continue to operate without interruption.

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**Type of opportunity**

Products and services

**Primary water-related opportunity**

Increased sales of existing products/services

**Company-specific description & strategy to realize opportunity**

Upon the physical risk analysis, our properties were categorised as either high, medium or low risk properties. Sunway REIT's property portfolio has low value at risk (VaR) overall although it is exposed to risks of flash floods and water seepage during heavy rain. Ten of the properties have low VaR while eight have medium VaR. One property, Sunway Pier, is classified as high VaR because of its close proximity to the coastline. We modify or enhance them to make them more resilient and flood-resistant. This ensures that our offerings continue to meet customer needs even in flood-prone areas.

Property tenants: We attract our tenants and establish long-term relationships through well managed assets. Where tenants are concerned, our assets are operated in low-risk areas and will not be affected potential additional costs such as insurance premiums rising in line with extreme weather events.

For our mall customers: We understand that customers visiting our mall may have concerns about flooding, particularly in terms of car damage. Our malls are classified as low VaR, hence, we create a safe and comfortable shopping experience, leading to increased customer satisfaction and loyalty.

**Estimated timeframe for realization**

Current - up to 1 year

**Magnitude of potential financial impact**

Low-medium

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

No, we do not have this figure

**Potential financial impact figure (currency)**

<Not Applicable>

**Potential financial impact figure – minimum (currency)**

<Not Applicable>

**Potential financial impact figure – maximum (currency)**

<Not Applicable>

**Explanation of financial impact**

The impact has not been quantified financially. While there may be costs associated with this strategy to realise the opportunity, the availability and cost of water from the water treatment plant is at the same rate as the municipal water supplier, this ensures that financial considerations do not hinder the response. Additionally, regardless of whether there are water disruptions or not, our business activities will continue to operate without interruption.

## W5. Facility-level water accounting

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### W5.1

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(W5.1) For each facility referenced in W4.1c, provide coordinates, water accounting data, and a comparison with the previous reporting year.

**Facility reference number**

Facility 1

**Facility name (optional)**

Sunway Pyramid Mall

**Country/Area & River basin**

Malaysia	Other, please specify (Sungai Selangor, Sungai Langat)
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**Latitude**

3.072265

**Longitude**

101.606442

**Located in area with water stress**

No

**Primary power generation source for your electricity generation at this facility**

<Not Applicable>

**Oil & gas sector business division**

<Not Applicable>

**Total water withdrawals at this facility (megaliters/year)**

845.29

**Comparison of total withdrawals with previous reporting year**

Higher

**Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

757.82

**Withdrawals from brackish surface water/seawater**

**Withdrawals from groundwater - renewable**

**Withdrawals from groundwater - non-renewable**

**Withdrawals from produced/entrained water**

**Withdrawals from third party sources**

87.47

**Total water discharges at this facility (megaliters/year)**

**Comparison of total discharges with previous reporting year**

Please select

**Discharges to fresh surface water**

**Discharges to brackish surface water/seawater**

**Discharges to groundwater**

**Discharges to third party destinations**

**Total water consumption at this facility (megaliters/year)**

**Comparison of total consumption with previous reporting year**

Please select

**Please explain**

To reduce our reliance on a single supply, Sunway REIT has diversified their water sources. More than 54% (1227.38 megalitres/year) of our total water withdrawal is sourced from fresh surface water specifically from Sunway South Quay Lake and treated via a water treatment plant. Approximately 45% (1032.27 megalitres/year) of our total water withdrawal is sourced from third-party sources, specifically municipal water suppliers. It is crucial to have access to good quality freshwater that requires minimal treatment. Both our reliance on municipal supply and operation of our water treatment plant are contingent upon the availability of freshwater. This strategy helps to mitigate the risk associated with relying solely on the municipal water supply and ensures a more secure and reliable water source for their operations.

The total water withdrawal from FY2021 to FY2022 has increased along with the total GFA. The rise in water withdrawal is primarily due to increased usage in F&B operations as businesses returned to a more usual mode of operation following the easing of COVID-19-related restrictions.

Water is sourced from fresh surface water (i.e., Sunway South Quay Lake) and third-party sources (i.e., Air Selangor) for this facility.

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**Facility reference number**

Facility 2



**Facility name (optional)**

Sunway Pier

**Country/Area & River basin**

Malaysia	Other, please specify (Sungai Selangor, Sungai Langat)
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**Latitude**

3.00086

**Longitude**

101.39058

**Located in area with water stress**

No

**Primary power generation source for your electricity generation at this facility**

<Not Applicable>

**Oil & gas sector business division**

<Not Applicable>

**Total water withdrawals at this facility (megaliters/year)**

**Comparison of total withdrawals with previous reporting year**

Please select

**Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

**Withdrawals from brackish surface water/seawater**

**Withdrawals from groundwater - renewable**

**Withdrawals from groundwater - non-renewable**

**Withdrawals from produced/entrained water**

**Withdrawals from third party sources**

**Total water discharges at this facility (megaliters/year)**

**Comparison of total discharges with previous reporting year**

Please select

**Discharges to fresh surface water**

**Discharges to brackish surface water/seawater**

**Discharges to groundwater**

**Discharges to third party destinations**

**Total water consumption at this facility (megaliters/year)**

**Comparison of total consumption with previous reporting year**

Please select

**Please explain**

This is a new acquisition under development; hence, data is not collected at the moment.

**Facility reference number**

Facility 3

**Facility name (optional)**

Sunway Carnival Mall

**Country/Area & River basin**

Malaysia	Other, please specify (Sungai Muda)
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**Latitude**

5.39887

**Longitude**

100.39775

**Located in area with water stress**

No

**Primary power generation source for your electricity generation at this facility**

<Not Applicable>

**Oil & gas sector business division**

<Not Applicable>

**Total water withdrawals at this facility (megaliters/year)**

255.42

**Comparison of total withdrawals with previous reporting year**

Much higher

**Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

0

**Withdrawals from brackish surface water/seawater**

**Withdrawals from groundwater - renewable**

**Withdrawals from groundwater - non-renewable**

**Withdrawals from produced/entrained water**

**Withdrawals from third party sources**

255.42

**Total water discharges at this facility (megaliters/year)**

**Comparison of total discharges with previous reporting year**

Please select

**Discharges to fresh surface water**

**Discharges to brackish surface water/seawater**

**Discharges to groundwater**

**Discharges to third party destinations**

**Total water consumption at this facility (megaliters/year)**

**Comparison of total consumption with previous reporting year**

Please select

**Please explain**

To reduce our reliance on a single supply, Sunway REIT has diversified their water sources. More than 54% (1227.38 megalitres/year) of our total water withdrawal is sourced from fresh surface water specifically from Sunway South Quay Lake and treated via a water treatment plant. Approximately 45% (1032.27 megalitres/year) of our total water withdrawal is sourced from third-party sources, specifically municipal water suppliers. It is crucial to have access to good quality freshwater that requires minimal treatment. It is crucial to have access to good quality freshwater that requires minimal treatment. Both our reliance on municipal supply and operation of our water treatment plant are contingent upon the availability of freshwater. This strategy helps to mitigate the risk associated with relying solely on the municipal water supply and ensures a more secure and reliable water source for their operations.

The total water withdrawal from FY2021 to FY2022 has increased along with the total GFA. The rise in water withdrawal is primarily due to increased usage in F&B operations as businesses returned to a more usual mode of operation following the easing of COVID-19-related restrictions.

Water is sourced from fresh surface water (i.e., Sunway South Quay Lake) and third-party sources (i.e., Pembekalan Air Pulau Pinang) for this facility.

**Facility reference number**

Facility 4

**Facility name (optional)**

Sunway Putra Mall

**Country/Area & River basin**

Malaysia	Other, please specify (Sungai Selangor, Sungai Langat)
----------	--

**Latitude**

3.16683

**Longitude**

101.69314

**Located in area with water stress**

No

**Primary power generation source for your electricity generation at this facility**

<Not Applicable>

**Oil & gas sector business division**

<Not Applicable>

**Total water withdrawals at this facility (megaliters/year)**

264.42

**Comparison of total withdrawals with previous reporting year**

Lower

**Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

0

**Withdrawals from brackish surface water/seawater**

**Withdrawals from groundwater - renewable**

**Withdrawals from groundwater - non-renewable**

**Withdrawals from produced/entrained water**

**Withdrawals from third party sources**

264.42

Total water discharges at this facility (megaliters/year)

Comparison of total discharges with previous reporting year

Please select

Discharges to fresh surface water

Discharges to brackish surface water/seawater

Discharges to groundwater

Discharges to third party destinations

Total water consumption at this facility (megaliters/year)

Comparison of total consumption with previous reporting year

Please select

Please explain

To reduce our reliance on a single supply, Sunway REIT has diversified their water sources. More than 54% (1227.38 megalitres/year) of our total water withdrawal is sourced from fresh surface water specifically from Sunway South Quay Lake and treated via a water treatment plant. Approximately 45% (1032.27 megalitres/year) of our total water withdrawal is sourced from third-party sources, specifically municipal water suppliers, Air Selangor. It is crucial to have access to good quality freshwater that requires minimal treatment. It is crucial to have access to good quality freshwater that requires minimal treatment. It is crucial to have access to good quality freshwater that requires minimal treatment. Both our reliance on municipal supply and operation of our water treatment plant are contingent upon the availability of freshwater. This strategy helps to mitigate the risk associated with relying solely on the municipal water supply and ensures a more secure and reliable water source for their operations.

The total water withdrawal from FY2021 to FY2022 has increased along with the total GFA. The rise in water withdrawal is primarily due to increased usage in F&B operations as businesses returned to a more usual mode of operation following the easing of COVID-19-related restrictions.

Water is only sourced from third-party sources (i.e., Air Selangor) for this facility.

Facility reference number

Facility 5

Facility name (optional)

Sunway Resort Hotel

Country/Area & River basin

Malaysia	Other, please specify (Sungai Selangor, Sungai Langat)
----------	--

Latitude

3.07121

Longitude

101.6088

Located in area with water stress

No

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

229.62

Comparison of total withdrawals with previous reporting year

Much higher

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

149.22

Withdrawals from brackish surface water/seawater

Withdrawals from groundwater - renewable

Withdrawals from groundwater - non-renewable

Withdrawals from produced/entrained water

Withdrawals from third party sources

80.4

Total water discharges at this facility (megaliters/year)

Comparison of total discharges with previous reporting year

Please select

Discharges to fresh surface water

Discharges to brackish surface water/seawater

Discharges to groundwater

Discharges to third party destinations

Total water consumption at this facility (megaliters/year)

**Comparison of total consumption with previous reporting year**

Please select

**Please explain**

To reduce our reliance on a single supply, Sunway REIT has diversified their water sources. More than 54% (1227.38 megalitres/year) of our total water withdrawal is sourced from fresh surface water specifically from Sunway South Quay Lake and treated via a water treatment plant. Approximately 45% (1032.27 megalitres/year) of our total water withdrawal is sourced from third-party sources, specifically municipal water suppliers. It is crucial to have access to good quality freshwater that requires minimal treatment. This strategy helps to mitigate the risk associated with relying solely on the municipal water supply and ensures a more secure and reliable water source for their operations. Both our reliance on municipal supply and operation of our water treatment plant are contingent upon the availability of freshwater.

The rise in water withdrawal is primarily due to increased usage in F&B operations as businesses returned to a more usual mode of operation following the easing of COVID-19-related restrictions.

Water is sourced from fresh surface water (i.e., Sunway South Quay Lake) and third-party sources (i.e., Air Selangor) for this facility.

**Facility reference number**

Facility 6

**Facility name (optional)**

Sunway Pyramid Hotel

**Country/Area & River basin**

Malaysia	Other, please specify (Sungai Selangor, Sungai Langat)
----------	--

**Latitude**

3.0722

**Longitude**

101.60849

**Located in area with water stress**

No

**Primary power generation source for your electricity generation at this facility**

<Not Applicable>

**Oil & gas sector business division**

<Not Applicable>

**Total water withdrawals at this facility (megaliters/year)**

78.26

**Comparison of total withdrawals with previous reporting year**

Much higher

**Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

67.73

**Withdrawals from brackish surface water/seawater**

**Withdrawals from groundwater - renewable**

**Withdrawals from groundwater - non-renewable**

**Withdrawals from produced/entrained water**

**Withdrawals from third party sources**

10.53

**Total water discharges at this facility (megaliters/year)**

**Comparison of total discharges with previous reporting year**

Please select

**Discharges to fresh surface water**

**Discharges to brackish surface water/seawater**

**Discharges to groundwater**

**Discharges to third party destinations**

**Total water consumption at this facility (megaliters/year)**

**Comparison of total consumption with previous reporting year**

Please select

**Please explain**

To reduce our reliance on a single supply, Sunway REIT has diversified their water sources. More than 54% (1227.38 megalitres/year) of our total water withdrawal is sourced from fresh surface water specifically from Sunway South Quay Lake and treated via a water treatment plant. Approximately 45% (1032.27 megalitres/year) total water withdrawal is sourced from third-party sources, specifically municipal water suppliers. It is crucial to have access to good quality freshwater that requires minimal treatment. This strategy helps to mitigate the risk associated with relying solely on the municipal water supply and ensures a more secure and reliable water source for their operations. Both our reliance on municipal supply and operation of our water treatment plant are contingent upon the availability of freshwater.

The rise in water withdrawal is primarily due to increased usage in F&B operations as businesses returned to a more usual mode of operation following the easing of COVID-19-related restrictions.

Water is sourced from fresh surface water (i.e., Sunway South Quay Lake) and third-party sources (i.e., Air Selangor) for this facility.

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**Facility reference number**

Facility 7

**Facility name (optional)**

Sunway Lagoon Hotel

**Country/Area & River basin**

Malaysia	Other, please specify (Sungai Selangor, Sungai Langat )
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**Latitude**

3.07294

**Longitude**

101.60458

**Located in area with water stress**

No

**Primary power generation source for your electricity generation at this facility**

<Not Applicable>

**Oil & gas sector business division**

<Not Applicable>

**Total water withdrawals at this facility (megaliters/year)**

188.58

**Comparison of total withdrawals with previous reporting year**

Much higher

**Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

102.03

**Withdrawals from brackish surface water/seawater**

**Withdrawals from groundwater - renewable**

**Withdrawals from groundwater - non-renewable**

**Withdrawals from produced/entrained water**

**Withdrawals from third party sources**

86.55

**Total water discharges at this facility (megaliters/year)**

**Comparison of total discharges with previous reporting year**

Please select

**Discharges to fresh surface water**

**Discharges to brackish surface water/seawater**

**Discharges to groundwater**

**Discharges to third party destinations**

**Total water consumption at this facility (megaliters/year)**

**Comparison of total consumption with previous reporting year**

Please select

**Please explain**

To reduce our reliance on a single supply, Sunway REIT has diversified their water sources. More than 54% (1227.38 megalitres/year) of our total water withdrawal is sourced from fresh surface water specifically from Sunway South Quay Lake and treated via a water treatment plant and a small fraction, 0.3% (6.65 megalitres/year) is harvested from rainwater. Approximately 45% (1032.27 megalitres/year) total water withdrawal is sourced from third-party sources, specifically municipal water suppliers. It is crucial to have access to good quality freshwater that requires minimal treatment. This strategy helps to mitigate the risk associated with relying solely on the municipal water supply and ensures a more secure and reliable water source for their operations. Both our reliance on municipal supply and operation of our water treatment plant are contingent upon the availability of freshwater.

The rise in water withdrawal is primarily due to increased usage in F&B operations as businesses returned to a more usual mode of operation following the easing of COVID-19-related restrictions.

Water is sourced from fresh surface water (i.e., Sunway South Quay Lake and rainwater) and third-party sources (i.e., Air Selangor) for this facility.

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**Facility reference number**

Facility 8

**Facility name (optional)**

Sunway Putra Hotel

**Country/Area & River basin**

Malaysia	Other, please specify (Sungai Selangor, Sungai Langat)
----------	--

**Latitude**

3.1667

**Longitude**

101.69247

**Located in area with water stress**

No

**Primary power generation source for your electricity generation at this facility**

&lt;Not Applicable&gt;

**Oil & gas sector business division**

&lt;Not Applicable&gt;

**Total water withdrawals at this facility (megaliters/year)**

113.43

**Comparison of total withdrawals with previous reporting year**

Much higher

**Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

0

**Withdrawals from brackish surface water/seawater****Withdrawals from groundwater - renewable****Withdrawals from groundwater - non-renewable****Withdrawals from produced/entrained water****Withdrawals from third party sources**

113.43

**Total water discharges at this facility (megaliters/year)****Comparison of total discharges with previous reporting year**

Please select

**Discharges to fresh surface water****Discharges to brackish surface water/seawater****Discharges to groundwater****Discharges to third party destinations****Total water consumption at this facility (megaliters/year)****Comparison of total consumption with previous reporting year**

Please select

**Please explain**

To reduce our reliance on a single supply, Sunway REIT has diversified their water sources. More than 54% (1227.38 megalitres/year) of our total water withdrawal is sourced from fresh surface water specifically from Sunway South Quay Lake and treated via a water treatment plant and a small fraction, 0.3% (6.65 megalitres/year) is harvested from rainwater. Approximately 45% (1032.27 megalitres/year) total water withdrawal is sourced from third-party sources, specifically municipal water suppliers. It is crucial to have access to good quality freshwater that requires minimal treatment. This strategy helps to mitigate the risk associated with relying solely on the municipal water supply and ensures a more secure and reliable water source for their operations. Both our reliance on municipal supply and operation of our water treatment plant are contingent upon the availability of freshwater.

The rise in water withdrawal is primarily due to increased usage in F&B operations as businesses returned to a more usual mode of operation following the easing of COVID-19-related restrictions.

Water is only sourced from third-party sources (i.e., Air Selangor) for this facility.

**Facility reference number**

Facility 9

**Facility name (optional)**

Sunway Hotel Seberang Jaya

**Country/Area & River basin**

Malaysia	Other, please specify (Sungai Muda)
----------	-------------------------------------

**Latitude**

5.39572

**Longitude**

100.39794

**Located in area with water stress**

No

**Primary power generation source for your electricity generation at this facility**

&lt;Not Applicable&gt;

**Oil & gas sector business division**

&lt;Not Applicable&gt;

**Total water withdrawals at this facility (megaliters/year)**

25.8

**Comparison of total withdrawals with previous reporting year**

Higher

**Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

0.008

**Withdrawals from brackish surface water/seawater**

**Withdrawals from groundwater - renewable**

**Withdrawals from groundwater - non-renewable**

**Withdrawals from produced/entrained water**

**Withdrawals from third party sources**

25.8

**Total water discharges at this facility (megaliters/year)**

**Comparison of total discharges with previous reporting year**

Please select

**Discharges to fresh surface water**

**Discharges to brackish surface water/seawater**

**Discharges to groundwater**

**Discharges to third party destinations**

**Total water consumption at this facility (megaliters/year)**

**Comparison of total consumption with previous reporting year**

Please select

**Please explain**

To reduce our reliance on a single supply, Sunway REIT has diversified their water sources. More than 54% (1227.38 megalitres/year) of our total water withdrawal is sourced from fresh surface water specifically from Sunway South Quay Lake and treated via a water treatment plant and a small fraction, 0.3% (6.65 megalitres/year) is harvested from rainwater. Approximately 45% (1032.27 megalitres/year) total water withdrawal is sourced from third-party sources, specifically municipal water suppliers. It is crucial to have access to good quality freshwater that requires minimal treatment. This strategy helps to mitigate the risk associated with relying solely on the municipal water supply and ensures a more secure and reliable water source for their operations. Both our reliance on municipal supply and operation of our water treatment plant are contingent upon the availability of freshwater.

The rise in water withdrawal is primarily due to increased usage in F&B operations as businesses returned to a more usual mode of operation following the easing of COVID-19-related restrictions.

Water is sourced from fresh surface water (i.e., rainwater) and third-party sources (i.e., Pembekalan Air Pulau Pinang) for this facility.

**Facility reference number**

Facility 10

**Facility name (optional)**

Sunway Hotel Georgetown

**Country/Area & River basin**

Malaysia	Other, please specify (Sungai Muda)
----------	-------------------------------------

**Latitude**

5.41456

**Longitude**

100.32594

**Located in area with water stress**

No

**Primary power generation source for your electricity generation at this facility**

<Not Applicable>

**Oil & gas sector business division**

<Not Applicable>

**Total water withdrawals at this facility (megaliters/year)**

30

**Comparison of total withdrawals with previous reporting year**

Much higher

**Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

0.003

**Withdrawals from brackish surface water/seawater**

**Withdrawals from groundwater - renewable**

Withdrawals from groundwater - non-renewable

Withdrawals from produced/entrained water

Withdrawals from third party sources

30

Total water discharges at this facility (megaliters/year)

Comparison of total discharges with previous reporting year

Please select

Discharges to fresh surface water

Discharges to brackish surface water/seawater

Discharges to groundwater

Discharges to third party destinations

Total water consumption at this facility (megaliters/year)

Comparison of total consumption with previous reporting year

Please select

Please explain

To reduce our reliance on a single supply, Sunway REIT has diversified their water sources. More than 54% (1227.38 megalitres/year) of our total water withdrawal is sourced from fresh surface water specifically from Sunway South Quay Lake and treated via a water treatment plant and a small fraction, 0.3% (6.65 megalitres/year) is harvested from rainwater. Approximately 45% (1032.27 megalitres/year) total water withdrawal is sourced from third-party sources, specifically municipal water suppliers. It is crucial to have access to good quality freshwater that requires minimal treatment. This strategy helps to mitigate the risk associated with relying solely on the municipal water supply and ensures a more secure and reliable water source for their operations. Both our reliance on municipal supply and operation of our water treatment plant are contingent upon the availability of freshwater.

The rise in water withdrawal is primarily due to increased usage in F&B operations as businesses returned to a more usual mode of operation following the easing of COVID-19-related restrictions.

Water is sourced from fresh surface water (i.e., rainwater) and third-party sources (i.e., Pembekalan Air Pulau Pinang) for this facility.

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Facility reference number

Facility 11

Facility name (optional)

Menara Sunway

Country/Area & River basin

Malaysia	Other, please specify (Sungai Selangor, Sungai Langat)
----------	--

Latitude

3.0695

Longitude

101.60985

Located in area with water stress

No

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

85.54

Comparison of total withdrawals with previous reporting year

Much higher

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

70.72

Withdrawals from brackish surface water/seawater

Withdrawals from groundwater - renewable

Withdrawals from groundwater - non-renewable

Withdrawals from produced/entrained water

Withdrawals from third party sources

14.82

Total water discharges at this facility (megaliters/year)

Comparison of total discharges with previous reporting year

Please select

Discharges to fresh surface water



[Discharges to brackish surface water/seawater](#)

[Discharges to groundwater](#)

[Discharges to third party destinations](#)

[Total water consumption at this facility \(megaliters/year\)](#)

[Comparison of total consumption with previous reporting year](#)

Please select

[Please explain](#)

To reduce our reliance on a single supply, Sunway REIT has diversified their water sources. More than 54% (1227.38 megalitres/year) of our total water withdrawal is sourced from fresh surface water specifically from Sunway South Quay Lake and treated via a water treatment plant and a small fraction, 0.3% (6.65 megalitres/year) is harvested from rainwater. Approximately 45% (1032.27 megalitres/year) total water withdrawal is sourced from third-party sources, specifically municipal water suppliers. It is crucial to have access to good quality freshwater that requires minimal treatment. This strategy helps to mitigate the risk associated with relying solely on the municipal water supply and ensures a more secure and reliable water source for their operations. Both our reliance on municipal supply and operation of our water treatment plant are contingent upon the availability of freshwater.

The rise in water withdrawal is primarily due to increased usage in F&B operations as businesses returned to a more usual mode of operation following the easing of COVID-19-related restrictions.

Water is sourced from fresh surface water (i.e., Sunway South Quay Lake and rainwater) and third-party sources (i.e., Air Selangor) for this facility.

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[Facility reference number](#)

Facility 12

[Facility name \(optional\)](#)

Sunway Tower

[Country/Area & River basin](#)

Malaysia	Other, please specify (Sungai Selangor, Sungai Langat)
----------	--

[Latitude](#)

3.16626

[Longitude](#)

101.70443

[Located in area with water stress](#)

No

[Primary power generation source for your electricity generation at this facility](#)

<Not Applicable>

[Oil & gas sector business division](#)

<Not Applicable>

[Total water withdrawals at this facility \(megaliters/year\)](#)

6.8

[Comparison of total withdrawals with previous reporting year](#)

About the same

[Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes](#)

0

[Withdrawals from brackish surface water/seawater](#)

[Withdrawals from groundwater - renewable](#)

[Withdrawals from groundwater - non-renewable](#)

[Withdrawals from produced/entrained water](#)

[Withdrawals from third party sources](#)

6.8

[Total water discharges at this facility \(megaliters/year\)](#)

[Comparison of total discharges with previous reporting year](#)

Please select

[Discharges to fresh surface water](#)

[Discharges to brackish surface water/seawater](#)

[Discharges to groundwater](#)

[Discharges to third party destinations](#)

[Total water consumption at this facility \(megaliters/year\)](#)

[Comparison of total consumption with previous reporting year](#)

Please select

[Please explain](#)

To reduce our reliance on a single supply, Sunway REIT has diversified their water sources. More than 54% (1227.38 megalitres/year) of our total water withdrawal is sourced from fresh surface water specifically from Sunway South Quay Lake and treated via a water treatment plant and a small fraction, 0.3% (6.65 megalitres/year) is

harvested from rainwater. Approximately 45% (1032.27 megalitres/year) total water withdrawal is sourced from third-party sources, specifically municipal water suppliers. It is crucial to have access to good quality freshwater that requires minimal treatment. This strategy helps to mitigate the risk associated with relying solely on the municipal water supply and ensures a more secure and reliable water source for their operations. Both our reliance on municipal supply and operation of our water treatment plant are contingent upon the availability of freshwater.

Water is only sourced from third-party sources (i.e., Air Selangor) for this facility.

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**Facility reference number**

Facility 13

**Facility name (optional)**

Sunway Putra Tower

**Country/Area & River basin**

Malaysia	Other, please specify (Sungai Selangor, Sungai Langat)
----------	--

**Latitude**

3.16651

**Longitude**

101.69246

**Located in area with water stress**

No

**Primary power generation source for your electricity generation at this facility**

<Not Applicable>

**Oil & gas sector business division**

<Not Applicable>

**Total water withdrawals at this facility (megaliters/year)**

16.29

**Comparison of total withdrawals with previous reporting year**

Higher

**Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

0

**Withdrawals from brackish surface water/seawater****Withdrawals from groundwater - renewable****Withdrawals from groundwater - non-renewable****Withdrawals from produced/entrained water****Withdrawals from third party sources**

16.29

**Total water discharges at this facility (megaliters/year)****Comparison of total discharges with previous reporting year**

Please select

**Discharges to fresh surface water****Discharges to brackish surface water/seawater****Discharges to groundwater****Discharges to third party destinations****Total water consumption at this facility (megaliters/year)****Comparison of total consumption with previous reporting year**

Please select

**Please explain**

To reduce our reliance on a single supply, Sunway REIT has diversified their water sources. More than 54% (1227.38 megalitres/year) of our total water withdrawal is sourced from fresh surface water specifically from Sunway South Quay Lake and treated via a water treatment plant and a small fraction, 0.3% (6.65 megalitres/year) is harvested from rainwater. Approximately 45% (1032.27 megalitres/year) total water withdrawal is sourced from third-party sources, specifically municipal water suppliers. It is crucial to have access to good quality freshwater that requires minimal treatment. This strategy helps to mitigate the risk associated with relying solely on the municipal water supply and ensures a more secure and reliable water source for their operations. Both our reliance on municipal supply and operation of our water treatment plant are contingent upon the availability of freshwater.

Water is only sourced from third-party sources (i.e., Air Selangor) for this facility.

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**Facility reference number**

Facility 14

**Facility name (optional)**

Wisma Sunway

**Country/Area & River basin**

Malaysia	Other, please specify (Sungai Selangor, Sungai Langat)
----------	--

**Latitude**

3.08368

**Longitude**

101.52561

**Located in area with water stress**

No

**Primary power generation source for your electricity generation at this facility**

<Not Applicable>

**Oil & gas sector business division**

<Not Applicable>

**Total water withdrawals at this facility (megaliters/year)**

12.77

**Comparison of total withdrawals with previous reporting year**

Lower

**Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

0

**Withdrawals from brackish surface water/seawater**

**Withdrawals from groundwater - renewable**

**Withdrawals from groundwater - non-renewable**

**Withdrawals from produced/entrained water**

**Withdrawals from third party sources**

12.77

**Total water discharges at this facility (megaliters/year)**

**Comparison of total discharges with previous reporting year**

Please select

**Discharges to fresh surface water**

**Discharges to brackish surface water/seawater**

**Discharges to groundwater**

**Discharges to third party destinations**

**Total water consumption at this facility (megaliters/year)**

**Comparison of total consumption with previous reporting year**

Please select

**Please explain**

To reduce our reliance on a single supply, Sunway REIT has diversified their water sources. More than 54% (1227.38 megalitres/year) of our total water withdrawal is sourced from fresh surface water specifically from Sunway South Quay Lake and treated via a water treatment plant and a small fraction, 0.3% (6.65 megalitres/year) is harvested from rainwater. Approximately 45% (1032.27 megalitres/year) total water withdrawal is sourced from third-party sources, specifically municipal water suppliers. It is crucial to have access to good quality freshwater that requires minimal treatment. This strategy helps to mitigate the risk associated with relying solely on the municipal water supply and ensures a more secure and reliable water source for their operations. Both our reliance on municipal supply and operation of our water treatment plant are contingent upon the availability of freshwater.

Water is only sourced from third-party sources (i.e., Air Selangor) for this facility.

**Facility reference number**

Facility 15

**Facility name (optional)**

Sunway Pinnacle

**Country/Area & River basin**

Malaysia	Other, please specify (Sungai Selangor, Sungai Langat)
----------	--

**Latitude**

3.07043

**Longitude**

101.6101

**Located in area with water stress**

No

**Primary power generation source for your electricity generation at this facility**

<Not Applicable>

**Oil & gas sector business division**

<Not Applicable>

**Total water withdrawals at this facility (megaliters/year)**

102.07

**Comparison of total withdrawals with previous reporting year**

About the same

**Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

68.79

**Withdrawals from brackish surface water/seawater**

**Withdrawals from groundwater - renewable**

**Withdrawals from groundwater - non-renewable**

**Withdrawals from produced/entrained water**

**Withdrawals from third party sources**

15.56

**Total water discharges at this facility (megaliters/year)**

**Comparison of total discharges with previous reporting year**

Please select

**Discharges to fresh surface water**

**Discharges to brackish surface water/seawater**

**Discharges to groundwater**

**Discharges to third party destinations**

**Total water consumption at this facility (megaliters/year)**

**Comparison of total consumption with previous reporting year**

Please select

**Please explain**

To reduce our reliance on a single supply, Sunway REIT has diversified their water sources. More than 54% (1227.38 megalitres/year) of our total water withdrawal is sourced from fresh surface water specifically from Sunway South Quay Lake and treated via a water treatment plant and a small fraction, 0.3% (6.65 megalitres/year) is harvested from rainwater. Approximately 45% (1032.27 megalitres/year) total water withdrawal is sourced from third-party sources, specifically municipal water suppliers. It is crucial to have access to good quality freshwater that requires minimal treatment. This strategy helps to mitigate the risk associated with relying solely on the municipal water supply and ensures a more secure and reliable water source for their operations. Both our reliance on municipal supply and operation of our water treatment plant are contingent upon the availability of freshwater.

The rise in water withdrawal is primarily due to increased usage as businesses returned to a more usual mode of operation following the easing of COVID-19-related restrictions.

Water is sourced from fresh surface water (i.e., Sunway South Quay Lake and rainwater) and third-party sources (i.e., Air Selangor) for this facility.

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**Facility reference number**

Facility 16

**Facility name (optional)**

Sunway University & College Campus

**Country/Area & River basin**

Malaysia	Other, please specify (Sungai Selangor, Sungai Langat)
----------	--

**Latitude**

3.06741

**Longitude**

101.6038

**Located in area with water stress**

No

**Primary power generation source for your electricity generation at this facility**

<Not Applicable>

**Oil & gas sector business division**

<Not Applicable>

**Total water withdrawals at this facility (megaliters/year)**

160.54

**Comparison of total withdrawals with previous reporting year**

Higher

**Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

131.16

**Withdrawals from brackish surface water/seawater**

**Withdrawals from groundwater - renewable**

Withdrawals from groundwater - non-renewable

Withdrawals from produced/entrained water

Withdrawals from third party sources

29.39

Total water discharges at this facility (megaliters/year)

Comparison of total discharges with previous reporting year

Please select

Discharges to fresh surface water

Discharges to brackish surface water/seawater

Discharges to groundwater

Discharges to third party destinations

Total water consumption at this facility (megaliters/year)

Comparison of total consumption with previous reporting year

Please select

Please explain

To reduce our reliance on a single supply, Sunway REIT has diversified their water sources. More than 54% (1227.38 megalitres/year) of our total water withdrawal is sourced from fresh surface water specifically from Sunway South Quay Lake and treated via a water treatment plant and a small fraction, 0.3% (6.65 megalitres/year) is harvested from rainwater. Approximately 45% (1032.27 megalitres/year) total water withdrawal is sourced from third-party sources, specifically municipal water suppliers. It is crucial to have access to good quality freshwater that requires minimal treatment. This strategy helps to mitigate the risk associated with relying solely on the municipal water supply and ensures a more secure and reliable water source for their operations. Both our reliance on municipal supply and operation of our water treatment plant are contingent upon the availability of freshwater.

Water is sourced from fresh surface water (i.e., Sunway South Quay Lake and rainwater) and third-party sources (i.e., Air Selangor) for this facility.

Facility reference number

Facility 17

Facility name (optional)

Sunway Medical Centre (Tower A & B)

Country/Area & River basin

Malaysia	Other, please specify (Sungai Selangor, Sungai Langat)
----------	--

Latitude

3.06632

Longitude

101.60867

Located in area with water stress

No

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

227.83

Comparison of total withdrawals with previous reporting year

About the same

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

Withdrawals from brackish surface water/seawater

Withdrawals from groundwater - renewable

Withdrawals from groundwater - non-renewable

Withdrawals from produced/entrained water

Withdrawals from third party sources

227.83

Total water discharges at this facility (megaliters/year)

Comparison of total discharges with previous reporting year

Please select

Discharges to fresh surface water

Discharges to brackish surface water/seawater

Discharges to groundwater

**Discharges to third party destinations**

**Total water consumption at this facility (megaliters/year)**

**Comparison of total consumption with previous reporting year**

Please select

**Please explain**

To reduce our reliance on a single supply, Sunway REIT has diversified their water sources. More than 54% (1227.38 megalitres/year) of our total water withdrawal is sourced from fresh surface water specifically from Sunway South Quay Lake and treated via a water treatment plant and a small fraction, 0.3% (6.65 megalitres/year) is harvested from rainwater. Approximately 45% (1032.27 megalitres/year) total water withdrawal is sourced from third-party sources, specifically municipal water suppliers. It is crucial to have access to good quality freshwater that requires minimal treatment. This strategy helps to mitigate the risk associated with relying solely on the municipal water supply and ensures a more secure and reliable water source for their operations. Both our reliance on municipal supply and operation of our water treatment plant are contingent upon the availability of freshwater.

Water is only sourced from third-party sources (i.e., Air Selangor) for this facility.

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**Facility reference number**

Facility 18

**Facility name (optional)**

Sunway REIT Industrial - Shah Alam 1

**Country/Area & River basin**

Malaysia	Other, please specify (Sungai Selangor, Sungai Langat)
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**Latitude**

3.04411

**Longitude**

101.53714

**Located in area with water stress**

No

**Primary power generation source for your electricity generation at this facility**

<Not Applicable>

**Oil & gas sector business division**

<Not Applicable>

**Total water withdrawals at this facility (megaliters/year)**

**Comparison of total withdrawals with previous reporting year**

Please select

**Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

**Withdrawals from brackish surface water/seawater**

**Withdrawals from groundwater - renewable**

**Withdrawals from groundwater - non-renewable**

**Withdrawals from produced/entrained water**

**Withdrawals from third party sources**

**Total water discharges at this facility (megaliters/year)**

**Comparison of total discharges with previous reporting year**

Please select

**Discharges to fresh surface water**

**Discharges to brackish surface water/seawater**

**Discharges to groundwater**

**Discharges to third party destinations**

**Total water consumption at this facility (megaliters/year)**

**Comparison of total consumption with previous reporting year**

Please select

**Please explain**

This facility is triplet net leased which is not within our operational control. Data are not collected from this facility.

---

**Facility reference number**

Facility 19

**Facility name (optional)**

Sunway REIT Industrial - Petaling Jaya 1

**Country/Area & River basin**

Malaysia	Other, please specify (Sungai Selangor, Sungai Langat)
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**Latitude**

3.09132

**Longitude**

101.60762

**Located in area with water stress**

No

**Primary power generation source for your electricity generation at this facility**

<Not Applicable>

**Oil & gas sector business division**

<Not Applicable>

**Total water withdrawals at this facility (megaliters/year)**

**Comparison of total withdrawals with previous reporting year**

Please select

**Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes**

**Withdrawals from brackish surface water/seawater**

**Withdrawals from groundwater - renewable**

**Withdrawals from groundwater - non-renewable**

**Withdrawals from produced/entrained water**

**Withdrawals from third party sources**

**Total water discharges at this facility (megaliters/year)**

**Comparison of total discharges with previous reporting year**

Please select

**Discharges to fresh surface water**

**Discharges to brackish surface water/seawater**

**Discharges to groundwater**

**Discharges to third party destinations**

**Total water consumption at this facility (megaliters/year)**

**Comparison of total consumption with previous reporting year**

Please select

**Please explain**

This facility is triplet net leased which is not within our operational control. Data are not collected from this facility.

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W5.1a

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(W5.1a) For the facilities referenced in W5.1, what proportion of water accounting data has been third party verified?

**Water withdrawals – total volumes**

**% verified**  
76-100

**Verification standard used**  
International Standard on Assurance Engagements 3000 (ISAE 3000)

**Please explain**  
<Not Applicable>

**Water withdrawals – volume by source**

**% verified**

**Verification standard used**  
<Not Applicable>

**Please explain**  
<Not Applicable>

**Water withdrawals – quality by standard water quality parameters**

**% verified**

**Verification standard used**  
<Not Applicable>

**Please explain**  
<Not Applicable>

**Water discharges – total volumes**

**% verified**  
Not verified

**Verification standard used**  
<Not Applicable>

**Please explain**

**Water discharges – volume by destination**

**% verified**

**Verification standard used**  
<Not Applicable>

**Please explain**  
<Not Applicable>

**Water discharges – volume by final treatment level**

**% verified**

**Verification standard used**  
<Not Applicable>

**Please explain**  
<Not Applicable>

**Water discharges – quality by standard water quality parameters**

**% verified**

**Verification standard used**  
<Not Applicable>

**Please explain**  
<Not Applicable>

**Water consumption – total volume**

**% verified**

**Verification standard used**  
<Not Applicable>

**Please explain**  
<Not Applicable>

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**W6. Governance**

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**W6.1**

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**(W6.1) Does your organization have a water policy?**

Yes, we have a documented water policy that is publicly available

**W6.1a**

**(W6.1a) Select the options that best describe the scope and content of your water policy.**

	Scope	Content	Please explain
Row 1	Company-wide	Description of the scope (including value chain stages) covered by the policy Description of business dependency on water Description of business impact on water Commitment to prevent, minimize, and control pollution Commitment to reduce or phase-out hazardous substances Commitment to reduce water withdrawal and/or consumption volumes in direct operations Commitment to reduce water withdrawal and/or consumption volumes in supply chain Commitment to safely managed Water, Sanitation and Hygiene (WASH) in the workplace Commitment to stakeholder education and capacity building on water security Commitment to water stewardship and/or collective action Commitments beyond regulatory compliance Other, please specify (Green Lease Partnership Programme)	Sunway REIT is aligned with Sunway Berhad's Water Management Policy to move towards best water management practices. The policy ensures that the Group is committed to: <ul style="list-style-type: none"> <li>- Reviewing and addressing water-related risks and opportunities regularly</li> <li>- Ensuring regulatory compliance across all buildings and operation sites</li> <li>- Ensuring effluents discharged at buildings and operation sites are within permissible limits</li> <li>- Ensuring every Standard Operating Procedure is in place to address water crises in every business division</li> <li>- Ensuring water-efficient fittings at all buildings and operation sites to optimise water consumption</li> </ul>

**W6.2**

**(W6.2) Is there board level oversight of water-related issues within your organization?**

Yes

**W6.2a**

**(W6.2a) Identify the position(s) (do not include any names) of the individual(s) on the board with responsibility for water-related issues.**

Position of individual or committee	Responsibilities for water-related issues
Board-level committee	The Committee has oversight of all sustainability risk including climate-related and water-related risks and opportunities. It reviews, supervises and recommends to the Board of Directors matters pertaining to three key sustainability areas that are aligned with Sunway Berhad's sustainability commitment. For instance, sustainability strategy and issues, key ESG goals, targets and performance, progress and scorecard.  Prior to advising the Board, the Committee reviews feedback from relevant stakeholders, including authorities, regulators, investors and index funds, on matters related to sustainability. Since its establishment in 2021, the Committee has developed robust policies, as well as the Internal Carbon Framework and the 2030 Sustainability Goals and Targets.
Other, please specify (SWG )	The SWG is led by Sunway REIT's Chairperson. Serving as the executive arm of the Sustainability Committee, the SWG helps the Sustainability Committee to roll out sustainability initiatives and integrate sustainability strategies into the business operations. Apart from monitoring and updating the Sustainability Committee on the progress of sustainability projects, the SWG ensures Sunway REIT complies with sustainability guidelines and regulatory requirements and identifies sustainability risks relevant to Sunway REIT.

**W6.2b**

**(W6.2b) Provide further details on the board’s oversight of water-related issues.**

	Frequency that water-related issues are a scheduled agenda item	Governance mechanisms into which water-related issues are integrated	Please explain
Row 1	Scheduled - all meetings	Monitoring implementation and performance Overseeing acquisitions, mergers, and divestitures Overseeing and guiding scenario analysis Overseeing major capital expenditures Reviewing and guiding annual budgets Reviewing and guiding business plans Reviewing and guiding corporate responsibility strategy Reviewing and guiding major plans of action Reviewing and guiding risk management policies Reviewing and guiding strategy Reviewing innovation/R&D priorities Setting performance objectives	<p>Sunway REIT’s Board and its Management are responsible for the governance of sustainability, including the Trust’s sustainability strategies on water management. In 2021, Sunway REIT set up a Sustainability Committee, which is tasked with reviewing, supervising and recommending to the Board sustainability strategy and issues, key ESG goals, targets and performance, as well as ESG progress and scorecard.</p> <p>The Sustainability Committee met four times during the financial year under review to fulfil its responsibilities. The Sustainability Committee is supported by a Sustainability Working Group (SWG), which was established in 2015, and led by Sunway REIT CEO. Comprising representatives from Sunway Berhad, Managed Asset’s Senior Management, Business Segment Heads and the Sustainability Officer, the SWG meets on a monthly basis to help the Sustainability Committee make informed decisions in embedding sustainability strategies in the Trust business operations and in implementing sustainability initiatives. The SWG also updates the Sustainability Committee on the progress of sustainability initiatives, ensures regulatory and reporting framework compliance, communicates the Board’s direction on ESG and sustainability matters to all business segments and receives progress reports from all business segments.</p> <p>Some of the key agendas on water-related issues discussed in the BSC meetings are:</p> <ol style="list-style-type: none"> <li>1. Endorsement of framework / strategies to achieve Sunway Sustainability 2030 Goals and Targets.</li> <li>2. Progress against target and performance to achieve Sunway Sustainability 2030 Goals and Targets.</li> </ol> <p>According to IFRS S1 reassessment of the scope of sustainability-related risk and opportunities throughout the value chain is not required on the occurrence of a significant event or significant change in circumstances. Hence, we have not conducted risk assessment this year because there are no material changes.</p>

**W6.2d**

**(W6.2d) Does your organization have at least one board member with competence on water-related issues?**

	Board member(s) have competence on water-related issues	Criteria used to assess competence of board member(s) on water-related issues	Primary reason for no board-level competence on water-related issues	Explain why your organization does not have at least one board member with competence on water-related issues and any plans to address board-level competence in the future
Row 1	Yes	The Sustainability Committee (SC) is responsible to review, supervise and recommend Sunway REIT’s sustainability strategy and issues, key environment, social and governance (ESG) targets and performance, progress and scorecard which includes water-related issues. The SC is able to address water-related issues raised and advise practicable strategy and implementations during BSC meetings and recommends to Board of Directors.	<Not Applicable>	<Not Applicable>

**W6.3**

**(W6.3) Provide the highest management-level position(s) or committee(s) with responsibility for water-related issues (do not include the names of individuals).**

**Name of the position(s) and/or committee(s)**

Other, please specify (Board of Directors)

**Water-related responsibilities of this position**

Assessing water-related risks and opportunities  
 Managing water-related risks and opportunities  
 Conducting water-related scenario analysis

**Frequency of reporting to the board on water-related issues**

Half-yearly

**Please explain**

In 2021, Jeffrey Sachs Center (JSC) was appointed to quantify our climate Value at Risk (VaR) based on the worst-case scenario as part of our analysis of risk. The VaR, updated in 2022, identified and evaluated the physical risks and transition risks and opportunities of all our 19 properties, including leased properties, across our business segments. The VaR analysis recommended mitigation measures based on the assumption that the worst material physical risks, such as increased rainfall intensity and floods in Malaysia, would occur as a result of climate change. The Board plays a central role in the strategic guidance of Sunway REIT, as well as supervising sustainability risk including climate-related and water-related risks and opportunities. For instance, integrating considerations of sustainability, emphasising the aspects of ESG and ensuring sustainable business growth in order to create sustainable long-term value creation for Sunway REIT.

**Name of the position(s) and/or committee(s)**

Sustainability committee

**Water-related responsibilities of this position**

Assessing water-related risks and opportunities  
 Managing water-related risks and opportunities  
 Conducting water-related scenario analysis

**Frequency of reporting to the board on water-related issues**

Half-yearly

**Please explain**

In 2021, Jeffrey Sachs Center (JSC) was appointed to quantify our climate Value at Risk (VaR) based on the worst-case scenario as part of our analysis of risk. The VaR, updated in 2022, identified and evaluated the physical risks and transition risks and opportunities of all our 19 properties, including leased properties, across our business segments. The VaR analysis recommended mitigation measures based on the assumption that the worst material physical risks, such as increased rainfall intensity and floods in Malaysia, would occur as a result of climate change. The Committee has oversight of all sustainability risk including climate-related and water-related risks and opportunities. It reviews, supervises and recommends to the Board of Directors matters pertaining to three key sustainability areas that are aligned with Sunway Berhad's sustainability commitment. For instance, sustainability strategy and issues, key ESG goals, targets and performance, progress and scorecard.

**Name of the position(s) and/or committee(s)**

Other committee, please specify (Sustainability Working Group (SWG) and Sustainability Officer (SO))

**Water-related responsibilities of this position**

Assessing water-related risks and opportunities  
 Managing water-related risks and opportunities  
 Conducting water-related scenario analysis

**Frequency of reporting to the board on water-related issues**

More frequently than quarterly

**Please explain**

In 2021, Jeffrey Sachs Center (JSC) was appointed to quantify our climate Value at Risk (VaR) based on the worst-case scenario as part of our analysis of risk. The VaR, updated in 2022, identified and evaluated the physical risks and transition risks and opportunities of all our 19 properties, including leased properties, across our business segments. The VaR analysis recommended mitigation measures based on the assumption that the worst material physical risks, such as increased rainfall intensity and floods in Malaysia, would occur as a result of climate change. The SWG serves as the executive arm of Sustainability Committee. It supports the Sustainability Committee in making informed decisions in sustainability risk including climate-related and water-related risks and opportunities across the business operations. The SWG monitors and updates the Sustainability Committee on the progress of sustainability projects and ensures compliance with guidelines and regulatory requirements.

**W6.4**

**(W6.4) Do you provide incentives to C-suite employees or board members for the management of water-related issues?**

	Provide incentives for management of water-related issues	Comment
Row 1	No, not currently but we plan to introduce them in the next two years	In 2022, Sunway REIT integrated sustainability in senior management performance evaluations and Key Performance Indicators (KPIs), which are linked to remuneration. This includes linking the remuneration for senior executives to ESG performance including climate change matters. The KPIs are aligned to the Sunway Sustainability 2030 Goals and Targets: Every year, selected targets will be included as part of the senior management performance evaluations and KPIs and will be cascaded to employees within the organisation. As Sunway REIT recently initiated this, a few sets of targets related to energy and water usage, waste generation and supply chain were selected. The progress against the targets is tracked and reported annually in our Sustainability Statement, which serves as a guide for us towards meeting our 2030 goals progressively.

**W6.5**

**(W6.5) Do you engage in activities that could either directly or indirectly influence public policy on water through any of the following?**

- Yes, direct engagement with policy makers
- Yes, trade associations
- Yes, funding research organizations

**W6.5a**

**(W6.5a) What processes do you have in place to ensure that all of your direct and indirect activities seeking to influence policy are consistent with your water policy/water commitments?**

To help us with implementing ESG metrics, we engage with experts in the field such as the Asia headquarters of the United Nations Sustainable Development Solutions Network, or UN-SDSN, and the Jeffrey Sachs Center on Sustainable Development, both of which are housed at Sunway University.

The SDSN is committed to supporting the implementation of the SDGs at local, national, and global scales. Acting as the board of SDSN, the SDSN Leadership Council brings together over 100 global sustainable development leaders from all regions drawn from civil society, public, and private sectors.

SDSN's National and Regional networks:

- Support the localization of SDGs and their implementation
- Develop long-term transformation pathways for sustainable development
- Promote education around Agenda 2030
- Launch solution initiatives

We take appropriate action to ensure that the Group stays abreast of and understands the sustainability issues relevant to the Company and its business, including climate-related and water-related risks and opportunities. As such, the JSC was appointed to serve as the Advisory Panel to the BSC to ensure that the Group's sustainability strategy stays current, to enable the Group to mitigate risks and identify opportunities. The Jeffrey Sachs Center on Sustainable Development (JSC) was also appointed to conduct a climate Value at Risk (VaR) assessment.

**W6.6**

**(W6.6) Did your organization include information about its response to water-related risks in its most recent mainstream financial report?**

- Yes (you may attach the report - this is optional)
- FINAL-SUNWAY-REIT-IAR2022.pdf

**W7. Business strategy**

**W7.1**

**(W7.1) Are water-related issues integrated into any aspects of your long-term strategic business plan, and if so how?**

	Are water-related issues integrated?	Long-term time horizon (years)	Please explain
Long-term business objectives	Yes, water-related issues are integrated	5-10	We adopted Sunway Berhad's Water Management Policy to embed best water management practices in all our business segments. The policy ensures that Sunway REIT is committed to: <ul style="list-style-type: none"> <li>- Reviewing and addressing water-related risks and opportunities regularly</li> <li>- Ensuring regulatory compliance across all buildings</li> <li>- Ensuring effluents discharged at buildings are within permissible limits</li> <li>- Ensuring every standard operating procedure is implemented to address water crises in all business segments</li> <li>- Ensuring water-efficient fittings at all buildings to optimise water consumption</li> </ul>
Strategy for achieving long-term objectives	Yes, water-related issues are integrated	5-10	Our approach is focused on optimising efficiency across our value chain and identifying areas for improvement across the life cycle of all our business areas. The life cycle approach is integrated into all our sustainable building designs and management systems, centering on water conservation through reducing, recycling and reusing.
Financial planning	Yes, water-related issues are integrated	5-10	The targets set at Sunway Group level is cascaded to the relevant business divisions. The business divisions which include REIT business divisions, are responsible to monitor and track the progress and performance of their targets. In order to manage risks and identify opportunities, the business divisions incorporate financial planning on water-related investments in their annual business plan.

**W7.2**

(W7.2) What is the trend in your organization’s water-related capital expenditure (CAPEX) and operating expenditure (OPEX) for the reporting year, and the anticipated trend for the next reporting year?

Row 1

Water-related CAPEX (+/- % change)

Anticipated forward trend for CAPEX (+/- % change)

Water-related OPEX (+/- % change)

Anticipated forward trend for OPEX (+/- % change)

Please explain

Trend on water-related capital expenditure (CAPEX) and operating expenditure (OPEX) were not reviewed but Sunway REIT are planning to do so in the next two years.

W7.3

(W7.3) Does your organization use scenario analysis to inform its business strategy?

	Use of scenario analysis	Comment
Row 1	Yes	<p>In 2021, we appointed the Jeffrey Sachs Center on Sustainable Development (JSC) to quantify our climate Value at Risk (VaR) based on the worst-case scenario as part of our analysis of risk. The VaR, updated in 2022, identified and evaluated the physical risks and transition risks and opportunities of all our existing 19 properties, including leased properties, across our business segments.</p> <p>In 2022, Sunway REIT performed asset-level environmental and/or social risk assessments as a standard part of its due diligence process for new acquisitions including but not limited to the following:</p> <ul style="list-style-type: none"> <li>- Water efficiency</li> <li>- Water supply</li> <li>- Flooding</li> <li>- Waste management</li> <li>- Energy efficiency</li> <li>- Energy supply</li> <li>- Biodiversity and habitat</li> <li>- Building safety</li> <li>- Climate change adaptation</li> <li>- Compliance with regulatory requirements</li> <li>- GHG emissions</li> <li>- Health and well-being</li> <li>- Indoor environmental quality</li> <li>- Socioeconomic</li> <li>- Transportation</li> </ul>

W7.3a

**(W7.3a) Provide details of the scenario analysis, what water-related outcomes were identified, and how they have influenced your organization's business strategy.**

	Type of scenario analysis used	Parameters, assumptions, analytical choices	Description of possible water-related outcomes	Influence on business strategy
Row 1	Water-related Climate-related	<p>Climate-related risk</p> <ul style="list-style-type: none"> <li>- 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.</li> <li>- 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.</li> </ul> <p>Water-related risk:</p> <p>The risks of extreme weather events physically damaging the properties in Sunway REIT's portfolio. Consisting of:</p> <ul style="list-style-type: none"> <li>- Sea level rise (SLR), which can lead to more coastal and riverine floods.</li> <li>- Increased rainfall intensity, which can lead to more flash floods, water seepages into buildings and landslides.</li> </ul> <p>To systematically assess the material physical risks for each property, JSC utilised an analytical procedure:</p> <ol style="list-style-type: none"> <li>1. The buildings were categorised according to the level of VaR <ul style="list-style-type: none"> <li>- 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.</li> </ul> </li> <li>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: <ul style="list-style-type: none"> <li>-The global annual carbon emissions will rise above 120 gigatonnes per year by 2100</li> <li>- The SLR upper bound is forecast to be 1.1 m</li> <li>- The median temperature is expected to increase by 4.4°C over pre-industrial levels (higher than the 2°C scenario)</li> <li>- The maximum 1-day rainfall increase will be 46.6%</li> </ul> </li> <li>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.</li> <li>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.</li> </ol>	<ul style="list-style-type: none"> <li>- Increased building repair costs</li> <li>- Increased of damage cost due to flooding and water seepage incidences</li> <li>- Potential costs include insurance premiums rising</li> </ul>	<p>Any disruptions to our water supply will impact our tenants, hotel guests and our businesses, potentially exposing the Sunway REIT to reputational and financial risks.</p> <p>In 2021, we appointed JSC to quantify our climate VaR based on the worst-case scenario as part of our analysis of risk. The VaR, updated in 2022, identified and evaluated the physical risks and transition risks and opportunities of all our existing 19 properties, including leased properties, across our business segments. The study also recommended the following mitigation steps to minimise the portfolio's physical risks:</p> <ul style="list-style-type: none"> <li>- Continuous monitoring of drains and gutters to ensure that they are clear</li> <li>- If economically viable, permanently stop water seepage from external gaps</li> <li>- If practicable, increase the drainage and gutter system's maximum capacity</li> <li>- Set an annual agenda to review the status of the physical risks above for the entire portfolio</li> </ul> <p>In 2022, Sunway REIT performed asset-level environmental and/or social risk assessments as a standard part of its due diligence process for new acquisitions including but not limited to the following:</p> <ul style="list-style-type: none"> <li>- Water efficiency</li> <li>- Water supply</li> <li>- Flooding</li> <li>- Waste management</li> <li>- Energy efficiency</li> <li>- Energy supply</li> <li>- Biodiversity and habitat</li> <li>- Building safety</li> <li>- Climate change adaptation</li> <li>- Compliance with regulatory requirements</li> <li>- GHG emissions</li> <li>- Health and well-being</li> <li>- Indoor environmental quality</li> <li>- Socioeconomic</li> <li>- Transportation</li> </ul>

**W7.4**

**(W7.4) Does your company use an internal price on water?**

Row 1

**Does your company use an internal price on water?**

No, but we are currently exploring water valuation practices

**Please explain**

Not Monitored. Malaysia is considered to have low overall water risk. Within the country, our operations are not in water-stressed areas, as most of our properties are located in urban areas. Internal price on water is not our current priority, we acknowledge its significance and will explore potential measures in the near future.

**W7.5**

**(W7.5) Do you classify any of your current products and/or services as low water impact?**

	Products and/or services classified as low water impact	Definition used to classify low water impact	Primary reason for not classifying any of your current products and/or services as low water impact	Please explain
Row 1	Yes	REIT is not a water intensive industry as compared to manufacturing industries such as paint, coating, paper board, wineries, distilleries.	<Not Applicable>	Most of the water consumption in commercial buildings is for F&B tenants, cooling towers, toilets, pantries, water features, irrigation and washing activities. Water security is vital to Sunway REIT's assets as businesses operations within are water-intensive activities such as F&B outlets at retail operations and hotel operations. Hotel operations require continuous water supply to provide hospitality services including but not limited to hotel stays and events such as conferences and banquets.

## W8. Targets

### W8.1

#### (W8.1) Do you have any water-related targets?

No, but we plan to within the next two years

### W8.1c

#### (W8.1c) Why do you not have water-related target(s) and what are your plans to develop these in the future?

	Primary reason	Please explain
Row 1	We are planning to introduce a target within the next two years	Malaysia is considered to have low overall water risk. Within the country, our operations are not in water-stressed areas, as most of our properties are located in urban areas.

## W9. Verification

### W9.1

#### (W9.1) Do you verify any other water information reported in your CDP disclosure (not already covered by W5.1a)?

Yes

### W9.1a

#### (W9.1a) Which data points within your CDP disclosure have been verified, and which standards were used?

Disclosure module	Data verified	Verification standard	Please explain
W1 Current state	Sunway REIT Integrated Report 2022 (Sustainability Statement)	ISAE 3000	Independent Assurance Statement by third-party
W2 Business impacts	Sunway REIT Integrated Report 2022 (Sustainability Statement)	ISAE 3000	Independent Assurance Statement by third-party
W3 Procedures	Sunway REIT Integrated Report 2022 (Sustainability Statement)	ISAE 3000	Independent Assurance Statement by third-party
W4 Risks and opportunities	Sunway REIT Integrated Report 2022 (Sustainability Statement)	ISAE 3000	Independent Assurance Statement by third-party
W6 Governance	Sunway REIT Integrated Report 2022 (Sustainability Statement)	ISAE 3000	Independent Assurance Statement by third-party
W7 Strategy	Sunway REIT Integrated Report 2022 (Sustainability Statement)	ISAE 3000	Independent Assurance Statement by third-party
W8 Targets	Sunway REIT Integrated Report 2022 (Sustainability Statement)	ISAE 3000	Independent Assurance Statement by third-party

## W10. Plastics

### W10.1

#### (W10.1) Have you mapped where in your value chain plastics are used and/or produced?

	Plastics mapping	Value chain stage	Please explain
Row 1	Yes	Direct operations Supply chain	<p>Sunway REIT's hotels aim to eliminate the use of plastic and single-use amenities in phases by providing reusable and refillable amenities. In 2022, the hotels successfully eliminated 680,000 pieces of single-use plastic. Sunway Resort Hotel implemented various new plastic-free initiatives such as replacing plastic bottles in guestrooms with glass bottles and disposable plastic laundry bags with rattan baskets. Sunway Pyramid Hotel &amp; Sunway Lagoon Hotel replacing single-use bath amenities such as shampoo, shower gel and conditioner with refillable amenities.</p> <p>Our shopping malls reduce plastic usage through various initiatives, including eliminating single-use plastics in packaging from 2022 onwards and ensuring that their suppliers and vendors adopt the plastic-free practice. For instance, there was no plastic packaging in our festive gift redemption of 30,000 Chinese New Year ang pao packets and 10,700 Hari Raya duit raya packets. This initiative removed 40,700 of plastic packaging that could otherwise pollute our rivers and oceans, which are vital sources of water and food for us.</p>

### W10.2

**(W10.2) Across your value chain, have you assessed the potential environmental and human health impacts of your use and/or production of plastics?**

	Impact assessment	Value chain stage	Please explain
Row 1	Yes	Direct operations Supply chain	Environmental pollution due to improper waste/effluents management planning which is hazardous to public health. Hence, Sunway REIT adopts a waste management hierarchy to prevent, reduce and minimize waste. We also introduce Green Lease Partnership Programme with our tenants to drive towards waste reduction.

**W10.3**

**(W10.3) Across your value chain, are you exposed to plastics-related risks with the potential to have a substantive financial or strategic impact on your business? If so, provide details.**

	Risk exposure	Value chain stage	Type of risk	Please explain
Row 1	Not assessed – but we plan to within the next two years	<Not Applicable>	<Not Applicable>	<p>Sunway REIT identifies the risks and potential associated with plastics usage throughout our operations. We address these risks transition towards more sustainable practices by phases.</p> <p>The two key areas within our value chain where plastics-related risks exist are our hotels and shopping malls. Plastics are commonly used in various aspects, including packaging, amenities, and single-use items.</p> <p>Our strategy focuses on promoting the use of reusable items and transitioning from single-use to refillable alternatives. Sunway REIT’s hotels aim to eliminate the use of plastic and single-use amenities in phases by providing reusable and refillable amenities. Sunway Resort Hotel implemented various new plastic-free initiatives such as replacing plastic bottles in guestrooms with glass bottles and disposable plastic laundry bags with rattan baskets. Sunway Pyramid Hotel &amp; Sunway Lagoon Hotel replacing single-use bath amenities such as shampoo, shower gel and conditioner with refillable amenities.</p> <p>Our shopping malls reduce plastic usage through various initiatives, including eliminating single-use plastics in packaging from 2022 onwards and ensuring that their suppliers and vendors adopt the plastic-free practice. For instance, there was no plastic packaging in our festive gift redemption of Chinese New Year ang pao packets and Hari Raya duit raya packets.</p> <p>As part of our strategy, we have quantified the potential cost savings associated with reducing plastics usage. By transitioning to refillable alternatives, we anticipate reduced procurement costs for single-use plastics. Additionally, by investing in reusable items, we can achieve operational efficiencies and cost savings in the long run. These financial impacts will be measured and reported in the upcoming fiscal year.</p> <p>Our focus on reusability and refillability not only aligns with environmental stewardship but also presents opportunities for cost savings and improved customer satisfaction.</p>

**W10.4**

**(W10.4) Do you have plastics-related targets, and if so what type?**

	Targets in place	Target type	Target metric	Please explain
Row 1	No – but we plan to within the next two years	<Not Applicable>	<Not Applicable>	<p>Sunway REIT identifies the risks and potential associated with plastics usage throughout our operations. We address these risks transition towards more sustainable practices by phases.</p> <p>The two key areas within our value chain where plastics-related risks exist are our hotels and shopping malls. Plastics are commonly used in various aspects, including packaging, amenities, and single-use items.</p> <p>Our strategy focuses on promoting the use of reusable items and transitioning from single-use to refillable alternatives. Sunway REIT’s hotels aim to eliminate the use of plastic and single-use amenities in phases by providing reusable and refillable amenities. Sunway Resort Hotel implemented various new plastic-free initiatives such as replacing plastic bottles in guestrooms with glass bottles and disposable plastic laundry bags with rattan baskets. Sunway Pyramid Hotel &amp; Sunway Lagoon Hotel replacing single-use bath amenities such as shampoo, shower gel and conditioner with refillable amenities.</p> <p>Our shopping malls reduce plastic usage through various initiatives, including eliminating single-use plastics in packaging from 2022 onwards and ensuring that their suppliers and vendors adopt the plastic-free practice. For instance, there was no plastic packaging in our festive gift redemption of Chinese New Year ang pao packets and Hari Raya duit raya packets.</p> <p>As part of our strategy, we have quantified the potential cost savings associated with reducing plastics usage. By transitioning to refillable alternatives, we anticipate reduced procurement costs for single-use plastics. Additionally, by investing in reusable items, we can achieve operational efficiencies and cost savings in the long run.</p> <p>Our focus on reusability and refillability not only aligns with environmental stewardship but also presents opportunities for cost savings and improved customer satisfaction. We acknowledge the significance of plastic-related targets and plan to set targets by phases.</p>

**W10.5**

**(W10.5) Indicate whether your organization engages in the following activities.**

	Activity applies	Comment
Production of plastic polymers	No	It is not applicable to our industry as a REIT.
Production of durable plastic components	No	It is not applicable to our industry as a REIT.
Production / commercialization of durable plastic goods (including mixed materials)	No	It is not applicable to our industry as a REIT.
Production / commercialization of plastic packaging	No	It is not applicable to our industry as a REIT.
Production of goods packaged in plastics	No	It is not applicable to our industry as a REIT.
Provision / commercialization of services or goods that use plastic packaging (e.g., retail and food services)	No	It is not applicable to our industry as a REIT.



## W11. Sign off

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### W-FI

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(W-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.

### W11.1

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(W11.1) Provide details for the person that has signed off (approved) your CDP water response.

	Job title	Corresponding job category
Row 1	Head Of Sustainability	Chief Sustainability Officer (CSO)

## Submit your response

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**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 indicate your consent for CDP to share contact details with the Pacific Institute to support content for its Water Action Hub website.**

Yes, CDP may share our Main User contact details with the Pacific Institute

**Please confirm below**

I have read and accept the applicable Terms