



SUNWAY®



AMPLIFYING OUR IMPACT

Sustainability Report 2023



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REFERENCE

- Refers readers to more information online.
- Refers readers to other related parts in the Reports.

DISCLAIMER

The statements, data and information provided in this Report have been prepared to the best of our ability in ensuring completeness, accuracy and reliability. We shall not be liable for any errors or omissions that may remain and any loss or inconvenience incurred as a result of reliance on information provided in this Report.



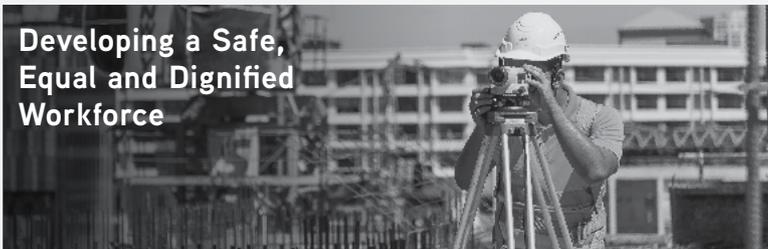
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ABOUT THIS REPORT

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Sunway Berhad's ("Sunway" or "the Group") annual Sustainability Report ("this Report") highlights our sustainability efforts and discloses the Group's Environmental, Social and Governance (ESG) performance in 2023. It communicates the sustainability initiatives we have implemented across all our business divisions and operations to generate positive impacts for the economy, environment and people. As sustainability is the foundation of Sunway, our sustainability journey is backed by a robust sustainability framework, strategies and initiatives aimed at achieving the Group's sustainability goals and targets. As such, this Report shares how our sustainability journey has progressed over the years to keep creating value for our shareholders and other key stakeholder groups. It includes our approach in capturing opportunities and mitigating risks, while stepping up climate action to future-proof our businesses and communities.

REPORTING SCOPE AND BOUNDARIES

Sunway is one of Southeast Asia's leading conglomerates listed on the Main Market of Bursa Malaysia Securities Berhad ("Bursa Securities") and is headquartered in Selangor, Malaysia. The scope of this Report covers only Sunway's operations in Malaysia, which contribute 67% of revenue to the Group. This Report includes comparative historical data wherever applicable. Established relevant targets and key performance indicators have been closely monitored and disclosed as best as possible within this Report.

REPORTING PERIOD AND CYCLE

The reporting period of the Report is from 1 January to 31 December 2023, unless stated otherwise. Our Sustainability Reports are issued on an annual basis and our last Sustainability Report was published in April 2023.

APPROVAL AND ASSURANCE

This Report has been internally reviewed by Group Internal Audit and externally assured by SIRIM QAS International Sdn Bhd, which has verified that the policies, initiatives and data disclosed here are accurate and acceptable. Additionally, the contents of this Report have been reviewed and approved by our Board of Directors, Board Sustainability Committee and Audit Committee, who have ensured

its contents are relevant to our business and our material issues. We have endeavoured to be transparent in the disclosures, goals and key performance indicators in this Report.

Please refer to page 174 for the independent assurance statement.

GUIDELINES AND STANDARDS

We ensure that the content in this Report has been benchmarked against the highest reporting standards and best industry practices. This Report has been prepared in alignment with:

Global goals

- Intergovernmental Panel on Climate Change (IPCC)
- Planetary Health
- Science-Based Targets initiative (SBTi)
- UN Sustainable Development Goals (UN-SDGs)

Reporting frameworks

Local:

- Bursa Malaysia's Main Market Listing Requirements on Sustainability Reporting
- Malaysian Code on Corporate Governance (MCCG) of the Securities Commission Malaysia
- Sustainable and Responsible Investment (SRI) of the Securities Commission Malaysia

Global:

- Carbon Disclosure Project (CDP)
- Global Reporting Initiative (GRI) Standards
- International Integrated Reporting Council (IIRC)
- Sustainability Accounting Standards Board (SASB)
- Task Force on Climate-related Financial Disclosures (TCFD)¹
- Taskforce on Nature-related Financial Disclosures (TNFD)
- Value Reporting Foundation
- World Economic Forum International Business Council (WEF-IBC)

Rating tools

- Financial Times Stock Exchange (FTSE) Russell ESG Ratings
- Malaysian Rating Corporation Berhad (MARC)
- S&P Global ESG Ratings
- Sustainalytics

Note:

¹ The International Financial Reporting Standards (IFRS) Foundation, which oversees the ISSB, has taken over the monitoring of companies' progress on climate-related disclosures from TCFD as of October 2023.

COVER RATIONALE

Sunway continues to emerge as a dedicated force, steadfast in fostering change with a strong community focus. This is reflected in our Sustainability Report 2023's cover, themed 'Amplifying Our Impact'. The cover features Pendas River, Sunway City Iskandar Puteri, a serene water vista that symbolises the extensive impact of Sunway's efforts and its bond with the local community. The soundtrack bar that ripples into waves in the water signifies the far-reaching and impactful results of our actions, highlighting our unwavering commitment to positive change. It represents our amplified sustainability efforts that have touched the community and stakeholders, echoing the harmony of varied input from our stakeholders. In essence, our Nature's Capital City in Sunway City Iskandar Puteri epitomises a harmonious fusion of human ingenuity and environmental consciousness, creating a space where community and nature coexist in perfect balance.

PROGRESSIVE STATEMENTS Next Page

This Report contains progressive statements in relation to the Group's objectives, strategies, plans and future initiatives that are interconnected with Sunway's business, financial and non-financial performance. These statements include words and phrases like "expects", "targets", "intends", "anticipates", "believes", "estimates", "may", "plans", "projects", "should", "would" and "will". These statements should not be interpreted as a guarantee of future operating or financial performance, as they may bring about potential risks or unforeseen repercussions to the Group. Issues that might cause actual results to vary materially from those in the progressive statements include global, national and regional economic and social conditions or matters that have not been reviewed or reported on by the Group's auditors.



FEEDBACK

We appreciate feedback, suggestions and comments from all stakeholders to enable us to fulfil our sustainability commitments and improve our reporting practices. Please send your feedback to:

Nik Tasha Nik Kamaruddin

Group Sustainability, Sunway Berhad,
Menara Sunway, Jalan Lagoon Timur, Bandar Sunway,
47500 Subang Jaya, Selangor Darul Ehsan, Malaysia.



EMAIL

sustainability@sunway.com.my



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ABOUT THIS REPORT

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ABOUT SUNWAY

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Sunway Berhad (“Sunway” or “the Group”) is one of Southeast Asia’s leading conglomerates and the parent company of the Sunway Group of companies, with diverse businesses in more than 50 locations worldwide. With a market capitalisation of RM11.2 billion as of 31 December 2023, the Group has a workforce of 11,828 people and is recognised as one of the top 100 companies listed on Bursa Malaysia Securities Berhad.

Since the founding of Sunway Group in 1974, sustainable development has always been integrated in all its operations and decision-making processes. Headquartered in Sunway City Kuala Lumpur, Malaysia, the Group has developed a diverse portfolio encompassing property development, healthcare, construction, property investment and REIT, building materials, trading and manufacturing, leisure, hospitality and quarry, among others. The Group owns approximately RM12.0 billion assets under the management of its property investment and REIT divisions and has continuously delivered quality residential and commercial units, with over 35,000 units through integrated developments across Malaysia and stand-alone developments in China, Australia and Singapore.

The Group’s 54.6% owned subsidiary, Sunway Construction Group Berhad, and its 40.9% owned associate, Sunway Real Estate Investment Trust, are listed on the Main Board of Bursa Malaysia Securities Berhad. Together with Sunway Berhad, the combined market capitalisation of these companies, was over RM19.0 billion as of 31 December 2023.

Sunway’s business divisions are wide-ranging and its business operations are extensive. In the Property Development division, its “Build-Own-Operate” model remains distinctive, strengthening its reputation as a Master Community Developer that continues to grow in sustainable communities and townships. Sunway Construction, one of Malaysia’s largest pure-play construction companies, provides innovative solutions to achieve project goals and enhances the value chain of the entire project lifecycle.

Sunway Healthcare Group currently operates one private quaternary hospital and two private tertiary hospitals. Our flagship hospital, Sunway Medical Centre at Sunway City Kuala Lumpur, is one of the largest private quaternary hospital in Malaysia, providing world class healthcare with highly skilled medical professionals and state-of-the-art medical equipment. The leading integrated private healthcare group has ambulatory care services such as Traditional and Complementary Medicine and a fertility centre.

Sunway’s Hospitality division, one of Asia’s leading international hotel groups, include 12 hotels and resorts comprising more than 3,700 guestrooms, suites and villas in Malaysia, Cambodia and Vietnam. Meanwhile, Sunway Theme Parks owns and operates two multiple-award-winning theme parks in Malaysia, namely Sunway Lagoon Theme Park in Sunway City Kuala Lumpur and Sunway Lost World of Tambun in Sunway City Ipoh, Perak. These theme parks collectively span over 120 acres and offer more than 90 exciting attractions. The Retail segment under the Property Investment and REIT division comprises seven retail malls strategically located in master-planned townships or mixed development areas. With five additional assets in the pipeline, the Retail segment is on track to make us the largest shopping mall owner and operator in Malaysia.

Sunway’s business strategies and operations, as reflected across its diverse business divisions, are committed to achieving the 17 United Nations Sustainable Development Goals (UN-SDGs) by 2030. The Group also ensures that all business divisions are aligned with its Environmental, Social and Governance (ESG) targets. These form the Group’s social responsibility towards long-term success as well as building a more inclusive and sustainable world.

VISION

To be Asia’s model corporation in sustainable development; innovating to enrich lives for a better tomorrow

MISSION

- Empowering our people to deliver enhanced value to all stakeholders
- Embracing sustainability in our business processes and decisions
- Attracting and nurturing a talented and progressive workforce for the digital era

CORPORATE CORE VALUES

INTEGRITY

We not only do the right things but do things right. We conduct ourselves in an honest, professional and ethical manner at all times.

HUMILITY

We believe in being humble, polite and respectful. It is about displaying empathy and demonstrating daily that we care and listen. It reminds us that no matter how much we think that we know, we still have a lot to learn.

EXCELLENCE

We are committed to the pursuit of excellence and delivering high-quality products and services in the sectors we are involved in.



ABOUT SUNWAY



CORE BUSINESS

-  **Property Development**
-  **Property Investment/REIT**
-  **Leisure**
-  **Hospitality**
-  **Construction**
-  **Healthcare**
-  **Trading and Manufacturing**
-  **Quarry**
-  **Building Materials**

 **>50**
LOCATIONS
WORLDWIDE

 **11,828**
EMPLOYEES UNDER
SUNWAY BERHAD



CHAIRMAN'S STATEMENT

GRI 2-22



TAN SRI SIR DR. JEFFREY CHEAH FOOK LING KBE AO

Founder and Chairman
Sunway Berhad

Dear Valued Stakeholders,

2023 was the hottest year ever recorded, underscoring the grim reality that the era of global warming has transitioned into what United Nations (UN) Secretary-General Antonio Guterres aptly termed as the “era of global boiling”. Our planet is literally burning up and drowning, and the rate of biodiversity loss is deeply worrying.

War and violence, widening inequality and deepening polarisation pose major challenges worldwide, threatening lives and livelihoods. We are living in what some have described as the Age of Disruption. This is an era of extreme uncertainty where change is the only thing we can be certain about.

While there are practical realities that need to be addressed in overcoming these challenges, it deeply troubles me to witness the levels of stupidity, arrogance and greed that make the problems even worse. I think a bit of smarter thinking, humility and compassion can go a long way in overcoming the challenges we face.

Even in these deeply troubled times, I strongly believe that humanity can and will rise to overcome these challenges. We simply must have the courage to take the necessary steps to build a future that is economically just, socially inclusive and environmentally sustainable for our world.

OUR UNWAVERING COMMITMENT TO SUSTAINABILITY

At Sunway, we are firmly committed to the sustainability agenda and have wholeheartedly embraced the 17 Sustainable Development Goals (SDGs), embedding them into the fabric of our business practices and decision-making processes.

Personally, I have always believed that if we can achieve at least 70% of the SDGs, our Happiness Index ranking will be very high. The SDGs provide a comprehensive and holistic roadmap towards building a more sustainable world.

Sunway has aligned the SDGs with our Environmental, Social, and Governance (ESG) targets as part of our corporate strategy and social responsibility towards driving the Group's long-term success, deepening our commitment to nation-building and achieving net zero carbon emissions by 2050.

DOUBLING DOWN ON OUR CARBON REDUCTION

Our commitment to the net zero agenda has led us to being the first organisation in Malaysia and among the first in Asia to implement an internal carbon pricing framework. Our business divisions have been working hard towards their decarbonisation targets, and those that failed to meet these targets are penalised by having an amount deducted from their bonus pool.

This year, we are doubling down on our carbon-reduction commitment with an incentive for renewable energy generation and waste diversion from landfills. Business divisions that achieve their carbon avoidance targets will have a pre-determined amount added to their bonus pool.

Building a sustainable future requires the commitment of all elements of society – the public sector, private sector, academia, civil society and, of course, every single one of us.

PARTNERSHIPS FOR THE GLOBAL GOALS

In line with this belief, we have taken a collaborative approach by working closely with various stakeholders towards achieving the global sustainability goals.

Sunway and the Asia headquarters of the UN Sustainable Development Solutions Network (UN-SDSN) held the Asia-Pacific Solutions Forum 2023 to feature innovative and impactful solutions from the region to many of the challenging issues facing the sustainable development agenda. Our focus with the event was to foster meaningful collaborations across international borders, transcending politics and narrow interests, in the interest of humanity.

We also continue working closely with the Sunway Centre for Planetary Health at Sunway University to advance the sustainability agenda in the region and the Massachusetts Institute of Technology (MIT) to research carbon capture, utilisation and storage (CCUS) technology to make it commercially viable.

Through strategic partnerships and meaningful collaborations, we can contribute to sustainable development by sharing knowledge and resources, and promoting the creation and transfer of skills and technologies.



We are the first organisation in Malaysia and among the first in Asia to implement an **internal carbon pricing framework**.

AN INCLUSIVE AND PROGRESSIVE SOCIETY

We work closely with non-governmental organisations (NGOs) to reach out to the underprivileged and the marginalised. This is in line with our contribution to the SDGs, which aim to ensure prosperity for people and planet by 2030, leaving no one behind.

Our efforts in this area are focused on the three pillars of #SunwayforGood – Healthcare, Education and Community Enrichment, ensuring that our initiatives are encompassing and holistic in nature.



We are proud to note that our efforts have positively impacted the lives of hundreds of thousands, if not millions, through **long-term partnerships with NGOs** such as the Malaysian Aids Foundation, Selangor Youth Community and Rise Against Hunger, making long-lasting positive impacts.

STAYING ON THE RIGHT TRACK

We continue to benchmark our sustainability performance and progress against our 2030 Sustainability Goals and Targets. We constantly review these goals and targets to ensure that we are aligned with the latest regulatory requirements, as well as global risks and trends.

We remain guided by strong fundamentals, which are upholding transparency, integrity and ethical business practices in all our business dealings and activities.

Our unwavering commitment and unrelenting efforts have enabled us to not only maintain our ESG scores but also gain various recognitions across the Group.

TURNING 50 AND LOOKING AHEAD

As we celebrate our 50th anniversary in 2024, we will continue to integrate sustainability into our business strategy and operations across the group.

We remain persistent in achieving beyond financial bottom-lines and always growing as a model corporate citizen, committed to the Triple P bottom line of People, Planet and Prosperity. Even as we go forward, we remain steadfast in our commitment to the sustainable development agenda.



PRESIDENT'S STATEMENT

GRI 2-22



TAN SRI DATO' (DR.) CHEW CHEE KIN

President, Sunway Berhad
Chairman of Board Sustainability Committee
Chairman of Management Sustainability Committee
Chairman of Group OHSE Council

Dear Valued Stakeholders,

The year 2023 remained a challenging period for many industries and businesses, as the world grappled with heightened geopolitical tensions, economic challenges and climate change. Amid the challenging landscape, Sunway remains committed to pursuing the sustainability agenda and advancing the well-being of people and planet.

We established our 2030 Sustainability Goals and Targets in 2019. I am pleased to share that we are progressing well to realise these goals and targets as we consistently review them to ensure that they are aligned with the evolving business and sustainability landscapes.

In 2023, we reevaluated and re-examined our Goal 5, refreshing it from "Respecting Ethical Principles" to "Upholding Transparency and Delivering Excellence" to reflect a wider scope that includes economic and governance performance. This reflects our commitment to ensuring sustainable financial performance, which is central to the overall sustainability agenda.

Our unwavering commitment to transparency has earned us commendable ESG ratings as we maintained our ranking in the top 10% of the Industry Classification Benchmark (Real Estate) Supersector by FTSE Russell and the top 2% globally with "Negligible" ESG Risk by Sustainalytics, reflecting Sunway's low risk exposure.

We welcome the recent introduction of the International Sustainability Standards Board (ISSB), which has broadened the scope of ESG. The emphasis on the quantification of sustainability-related risks and opportunities has further demonstrated how crucial financial sustainability is to our ability to drive impactful sustainability initiatives.

Sunway has also been named an early adopter of the Taskforce on Nature-related Financial Disclosures (TNFD), recognising nature-related issues as crucial strategic risk management. The TNFD recommendations will further empower our corporate reporting journey towards identifying, assessing and addressing our nature-related dependencies, impacts, risks and opportunities in a comprehensive manner.



Our sustainability strategy and initiatives are a result of our commitment to communicating transparently with all our stakeholders. Consistent and continuous stakeholder engagement remains instrumental in shaping our sustainability strategies and decision-making processes. Through rigorous materiality assessments, we ensure that our priorities are aligned with global megatrends, regulatory requirements and ESG ratings. In 2023, we conducted a materiality validation against Bursa Malaysia's common and sector-specific sustainability matters and our industry peers to ensure our material issues remain valid and relevant.

CONTRIBUTING TO A GREENER DEVELOPMENT

In line with our aspiration to build a sustainable future, Sunway has pledged to achieve net zero carbon emissions by 2050 – a global goal that requires collective decarbonisation efforts across all sectors of society.

A Sustainable Value Chain

Recognising the significance of Scope 3 emissions, particularly embodied carbon, we are proactively identifying the carbon intensity of our products. With the impending implementation of the EU's Carbon Border Adjustment Mechanism (CBAM) which will tax carbon-intensive products, we have established an embodied carbon emissions roadmap for our Building Materials and Quarry divisions. Both divisions have effectively begun quantifying the carbon footprint of all products since 2023. From 2025 onwards, we will progress towards obtaining Environmental Product Declarations (EPD) for these products, underscoring our commitment to transparency and environmental responsibility.

In all our manufacturing companies, energy saving also continues to be one of our main priorities. For our vitrified clay pipe (VCP) production, we aspire to optimise the firing process time by 40% to 50%, which will save energy, and reduce carbon emissions and cost. In our production of building materials, we are reducing usage of cement and substituting it with low-carbon materials, where possible.

Partnerships

We established the Sustainability Collaboration Alliance Network (SCAN) through Sunway Malls in 2023. SCAN is the first-of-its-kind alliance in Malaysia, focusing on sustainability in the retail industry. The collaborative five-party partnership with the United Nations Sustainable Development Solutions Network (UN-SDSN) Asia Headquarters, the Jeffrey Sachs Center on Sustainable Development at Sunway University (JSC), Malaysia Retailers Association (MRA), and Malaysia Retail Chain Association (MRCA) will lead sustainability education efforts in Malaysia. Through initiatives like ReX (Retail Extended Learning), we are driving sustainable business practices and decision-making among the retail business community.

This year, we also forged new partnerships with United Overseas Bank (UOB Malaysia) and Tenaga Nasional Berhad (TNB) to catalyse sustainable transformations across diverse sectors. With UOB Malaysia, we are combining our strengths to integrate sustainable financing solutions and facilitate

investments into sustainable infrastructure. This partnership will also further encourage business partners in our supply chain to kickstart and accelerate their sustainability journey, complementing the Sunway Green Lease Partnership Programme introduced through our REIT arm in 2022. Similarly, our collaboration with TNB seeks to advance energy transition solutions, from renewable energy deployment to promoting ESG capabilities, promoting a holistic approach to sustainability.

To encourage our small and medium-sized enterprises (SMEs) partners advance their sustainability journey through environmentally and socially responsible practices, we have adopted the Simplified ESG Disclosure Guide (SEDG) by integrating their ESG disclosure requirements into our Supplier Risk Assessment. The SEDG was developed by Capital Markets Malaysia to support local SMEs within global supply chains on their ESG disclosure journey.

Substituting to Cleaner Energy



We are also providing more **electric vehicle (EV) charging stations** across Sunway's premises, commercial buildings, facilities and integrated townships nationwide to further reduce our embodied carbon.

Within our business divisions, we have set a target to achieve 40% of electricity from renewable energy sources by 2030 and have started taking steps through the expansion of our solar PV installation. The results have been apparent, with 12 GWh of renewable energy generated during the year, resulting in greenhouse gas (GHG) emissions avoidance of 9,098 tonnes of CO₂e.

Our partnership with Gentari Sdn Bhd and EV Connection Sdn Bhd to install more EV charging stations is in line with the Malaysian government's Low Carbon Mobility Blueprint, which aims for EVs and hybrids to constitute at least 15% of the total industry volume by 2030. The target is to build 10,000 EV charging stations nationwide by 2025.

Food Waste

It is estimated that Malaysians waste a staggering 8.3 million metric tonnes of food annually, a troubling statistic released by the UN Environment Programme (UNEP) in April 2023. We are partnering with Entomal Biotech for our pilot black soldier fly composting facility at Sunway Lagoon Theme Park. We believe the initiative offers a unique opportunity to create a circular food system and to reduce waste disposal to the landfill.



PRESIDENT'S STATEMENT



CREATING SOCIAL VALUE

Contributing to the Social pillar of ESG includes creating value for our people and the community. In nurturing a dynamic and diverse workforce, we continuously advocate the importance of lifelong learning, and keeping our people safe and healthy at work. We invested more than RM12.2 million in learning and development for our people in 2023, underscoring our commitment to equipping our talent with relevant skills and industry knowledge to our transformation plans and goals for 2030 and beyond.

We are also proud to share that in 2023, Sunway Medical Centre at Sunway City Kuala Lumpur and Sunway Property have also successfully attained the stringent ISO 45001:2018 certification, a reflection of our determination and commitment to fostering safety and well-being throughout our resilient ecosystem.

Sustainable Communities

Digitalisation

In building strong, resilient and sustainable communities that adapt and thrive in the digital age, we leverage technology and digitalisation to develop smart townships. Building on the foundation laid by the "Digital Innovation Programme 1.0", our renewed partnership with Huawei Technologies (Malaysia) Sdn Bhd in 2023 under the "Digital Innovation Programme 2.0" heralds a new era of collaboration.

This initiative amplifies our focus on Big Data, Smart Townships and Digital Power, harnessing Huawei's cutting-edge ICT capabilities to create innovative energy solutions for smart, sustainable and low-carbon cities across the ASEAN region.

Key pillars of this collaboration include leveraging Huawei's Big Data platform to unlock new dimensions of value, scaling smart sustainable townships by establishing robust ICT infrastructure and exploring new avenues of growth through Smart PV, battery energy storage systems, hyper-scale data centres, and next-generation smart solutions for homes, offices and industrial parks.

Community Inclusivity

As we strive to ensure no one is left behind, our initiatives are aimed at empowering and enriching the underprivileged and the marginalised.



In 2023, we invested more than **RM7.82 million** in community inclusivity and more than **3,700 hours** of staff volunteerism, impacting **202,950 beneficiaries**.

We continue to address the pressing issue of food security through our annual Meal Pack-a-thon series, a collaboration with Rise Against Hunger as part of our flagship #SunwayforGood food aid programmes. We are on track with our 50th Anniversary pledge to pack two million meals for undernourished communities by 2024.



In 2023, in collaboration with Rise Against Hunger, we have distributed **330,000 meals** to 5,500 beneficiaries across the nation including:

- Orang Asli communities in Perak, Kelantan and Pahang
- Orphanages, senior homes and the refugee population throughout Klang Valley, Johor and Penang
- The hardcore poor across Klang Valley, Penang, Perlis and Kedah
- The underprivileged in Timor-Leste



700 volunteers stepped up to this mission by packing the meals for the beneficiaries.

Our consistent efforts in creating positive social impact and enriching our people and communities have earned us multiple awards during the year:

Human Capital and Corporate Social Responsibility



HR Excellence Awards 2023 for the categories of:

- Employer of the Year
- Excellence in Employee Volunteerism
- Excellence in CSR Strategy

Gold

Bronze

Occupational Health, Safety and Environment (OHSE)



Sunway bagged nine awards at the 2023 Malaysian Society for Occupational Safety and Health (MSOSH) Awards and one at the 2023 National Occupational Safety and Health (NOSH) Excellence Awards.

MSOSH Awards

- Sunway Medical Centre at Sunway City Kuala Lumpur
- Sunway Property and Facility Management
- Sunway Pyramid Mall
- Sunway Velocity Mall
- Sunway Putra Mall
- Sunway Carnival Mall
- Sunway Giza Mall
- Sunway Citrine Hub
- Sunway Big Box Retail Park

Gold

Gold

Gold

Gold

Gold

Gold

Silver

Silver

Silver

NOSH Excellence Awards

- Sunway Paving Solutions

Winner for SME Category

With cyber threats becoming more prevalent and increasingly sophisticated, Sunway has a robust cybersecurity strategy to continuously improve our security posture and protect our digital assets. As with other global corporations, we are committed to fortifying our cybersecurity and digital ecosystem. In our pursuit of cyber resilience, we have put together a dedicated Sunway Group Cybersecurity team to address any digital vulnerabilities and to thwart potential threats.



To further strengthen our staff's cybersecurity response and awareness, we also introduced a **centralised Group Cybersecurity Portal**, for easy access to awareness materials, cybersecurity information, tools and best practices implemented throughout the organisation.

FORTIFYING GOVERNANCE

At Sunway, we firmly reiterate our zero-tolerance stance against all forms of bribery and corruption. Our unwavering commitment to adhering to all relevant laws and regulations continue to govern all our business activities across the group.

Our robust group standards and operational procedures continue to ensure consistent practice of ethical business conduct in our daily operations, and we will continue advancing our efforts in promoting compliance with anti-bribery and anti-corruption laws, instilling a culture of integrity across the organisation.

FORGING AHEAD

Integrating sustainability into our products and services has enabled us to continuously stay at the forefront of the industries we are in, offering innovative solutions and meeting evolving demands. We remain steadfast in advancing the UN-SDGs, ensuring that sustainability is embedded in all our decision-making processes, business practices and operations.

Moving forward, our focus lies in accelerating our decarbonisation efforts towards achieving net zero and we remain committed to communicating with transparency with all our stakeholders.

A UNIFIED CYBERSECURITY CULTURE

The cybersecurity landscape in Malaysia as reflected in the 2023 State of Cybersecurity ASEAN report reveals a concerning escalation of disruptive cyberattacks. A significant 33% of Malaysian organisations reported a troubling surge of 50% or more in cybersecurity incidents.



SUSTAINABILITY THROUGH THE SUNWAY LENS

The very birth of Sunway Group in 1974 was founded on the concept of sustainable development. It began with the development of Sunway City Kuala Lumpur, a tin-mining wasteland, to an integrated smart and sustainable township.



Sunway's outlook on the sustainability agenda is anchored by two key aspects. First, the success of Sunway in terms of its ability to remain profitable and relevant to all stakeholders. The golden jubilee celebration of the brand in 2024 is a testament to the Group's sustainability strategy.

Fifty years is not a short period of time. It is a clear indication of our leadership's preparedness in the face of an ever-changing business environment, and ability to outrival many of our competitors, to be among the top in the industries in which we operate. Our experience here demonstrates that sustainability and profitability can go hand in hand without compromising on our belief of "doing well by doing good".

The second key aspect – as one of Southeast Asia's leading conglomerates, we recognise the unique position we are in to advance the 17 Sustainable Development Goals (SDGs) adopted by the United Nations. Our business successes have enabled us to leverage and invest in our resources, innovation and people to pursue the sustainability agenda.

The SDGs and ESG are the two most important pillars in advancing the sustainability agenda. Both serve to address sustainability-related challenges and are closely intertwined in many instances. For example, our commitment to advancing SDG 13: Climate Action through conscientious efforts in reducing carbon emissions and investment in renewable energy also drives our progress in addressing the environmental factor in ESG.

As such, we have aligned the SDGs with our ESG targets as part of our corporate strategy and social responsibility towards driving long-term, sustainable success.

At Sunway, we see the ESG disclosure and compliance framework as one of the more effective tools and as a "means to an end", which is the UN-SDGs. More importantly, we view ESG as a data-based sustainability mechanism that facilitates disclosures and fosters transparency.

Through disclosures, stakeholders are able to see how companies are responding to pressing environmental, social and governance issues. We believe that transparency brings about accountability and builds trust. In other words, transparency promotes engagement with our stakeholders and helps keep the company on the right track to stay relevant in an ever-changing environment.

ESG is like a mirror for us to see how we look and then to take steps to improve and do what is right and good. If we don't like what we see in the mirror, we will take steps to correct it. It is also about how we strengthen our own corporate governance to protect shareholders' value.

Our Sustainability Report allows us to communicate the Group's performance on sustainability initiatives. It also allows us to assess our work and impact on society and stakeholders.

Beyond that, our Sustainability Report presents a series of Impact Stories – each representing a goal in Sunway's five sustainability goals as well as our aspirations and commitment to advancing the UN-SDGs and being ESG compliant to stay relevant.



Our sustainability agenda is anchored on our values and ethics. Our commitment to the SDGs is a commitment to values and purpose. And our commitment to ESG is a commitment to transparency and accountability.

Ong Pang Yen

Executive Director of Chairman's Office at Sunway Group
Deputy Chairman of Management Sustainability Committee
Deputy Chairman of Group OHSE Council

Our Impact Stories:

- Flattening the Learning Curve through Collaborative Learning, page 12
- Sunway City Iskandar Puteri – Nature's Capital City, page 54
- The Quay to Solving Flash Flood Woes, page 66
- Being Responsible for Our Carbon Footprint, page 84
- Building from Within a Culture of Sustainability, page 100
- #SunwayHeroes: Standing as a Force for Good, page 112
- Beyond Firewalls, page 130

FLATTENING THE LEARNING CURVE THROUGH COLLABORATIVE LEARNING

Contributed by:



Nadhirah Zakarya
Sunway Group Sustainability



Claudia Cheah
Sunway Group Sustainability

At Sunway, we recognise the need for leadership to help effect meaningful change and transformation in advancing the sustainability agenda. We see advocacy as a catalyst for meaningful change, and this is in line with our vision to be Asia's model corporation for sustainable development.

Our founder and chairman Tan Sri Sir Dr. Jeffrey Cheah believes that "our efforts at Sunway are driven by our recognition that realising the United Nations Sustainable Development Goals (UN-SDGs) is not the sole responsibility of governments. It requires the commitment of all sectors of society – the private sector, academia, civil society and, of course, every single individual," and that "we are all in this together."

We believe in harnessing the collective strength of corporations, academia and every single individual, including our own staff, as we learn, understand and innovate to put in place a harmonious ecosystem and actionable plans to advance the UN-SDGs.

A SHARED COMMITMENT TO LEARN TOGETHER

The ever-evolving environmental, social and governance (ESG) landscape presents both opportunities and challenges that we are actively navigating.

We strongly believe in the "progress over perfection" motto where we are determined to consistently take progressive steps, however small, on this steep learning curve. By adopting a growth mindset, we will be better equipped to navigate the complexities, challenges and mistakes as learning opportunities.

We recognise that each organisation has its own unique sustainability journey, and that by sharing our experiences, insights and even our vulnerabilities with our stakeholders, including industry experts, we can learn from one another and work together, and collectively identify potential risks and opportunities in ESG and sustainability.



Please scan the QR code to read more about Flattening the Learning Curve through Collaborative Learning

REGULATING & DEVELOPING THE ACCOUNTANCY PROFESSION

www.mia.org.my

Federal Statutory Body under the Ministry of Finance, Malaysia

Ong Pang Yen, Executive Director of Chairman's Office at Sunway Group



FLATTENING THE LEARNING CURVE THROUGH COLLABORATIVE LEARNING

2023		ASEAN Education Cities Conference: Cities as Labs
		Teach for Malaysia: What is Sustainability?
		Sunway-MAPAN ESG Plenary
		The Star ESG Positive Impact Awards – Final Judging Round
		Presentation to Huawei Delegation visiting Sunway City Kuala Lumpur
		Suite Talk - Inside Stories of Sustainability Champions
		Malaysian Institute of Accountants' CFO Circle
		ACCA's Interview: Preparing for Sustainability Reporting and Associated Ethical Dilemmas
		ERM Malaysia Board and C-Suite Private Breakfast Event
		Petronas Knowledge Management Day
2022		PLC Transformation Programme Launch of Guidebook 2: Sustainable, Socially Responsible & Ethical PLCs
		PNB Knowledge Forum III: Decarbonised Economy – Accelerating the Net Zero Transition



PLC Transformation Programme organised by Bursa Malaysia

Through strategic partnership, we can all do better by combining our strengths. To be constantly on the alert, learning from our partners and other experts in the field. And this is what SDG 17 is all about; global partnership for sustainable development.

Ong Pang Yen
Executive Director of Chairman's Office at Sunway Group

Our retail arm Sunway Malls also launched the Sustainability Collaboration Alliance Network (SCAN), a five-way partnership involving the United Nations Sustainable Development Solutions Network, Jeffrey Sachs Center on Sustainable Development at Sunway University, Malaysia Retail Association, and Malaysia Retail Chain Association. As part of the initiative, a three-tier learning programme titled ReX (Retail Extended Learning) was introduced to drive sustainable business practices and decision-making among retail business practitioners. Furthering our commitment to advocating sustainable and responsible business practices, we conduct a comprehensive Sustainability Risk Assessment for our suppliers in alignment with the Sunway Sustainable Procurement Policy. This assessment is steered by the Simplified ESG Disclosure Guide (SEDG), rolled out by the Capital Markets Malaysia (CMM) to help small and medium-sized enterprises (SMEs) navigate ESG disclosures, encouraging them to measure and document their sustainability progress, and eventually enable our Scope 3 emissions reporting.

Through these initiatives, we align business practices with environmental and societal advancements.

TYING IT ALL TOGETHER

Sunway's commitment to sustainability and ESG transcends organisational boundaries, embodying our vision to be Asia's model corporation in sustainable development.

In line with this aspiration, we will continuously advocate sustainable development by imparting our knowledge and experiences, and through learning from our industry peers, business partners and experts in the field.

As we navigate this path together, humility remains at the forefront, driving us to harness collective strength for impactful, sustainable change.

SHAPING A SUSTAINABLE SUPPLY CHAIN

As a conglomerate that spans 13 businesses, we see the unique position we are in to advocate sustainable practices across our value chain.

Our pioneering Green Lease Partnership Programme – the first in Malaysia through our Real Estate Investment Trust (REIT) division – communicates and fosters sustainable practices among our business partners towards driving sustainable solutions.

KEY MILESTONES

2012

- Sunway City Kuala Lumpur (SCKL) was certified as **Malaysia's first fully integrated green township** by Green Building Index (GBI) Malaysia.

2015

- Published Sunway Berhad's **inaugural sustainability report**, aligned with:



Sustainability Reporting Guide

- Constituent of the:



2016

- SCKL was recognised as the **first Low Carbon City** by the Malaysian Institute of Planners.
- Aligned with:



2017

- **Group Sustainability Department** was established, which initiated the consolidation of Group-wide ESG information for disclosure.
- A **water treatment plant** was constructed in Sunway South Quay to supply commercial buildings in SCKL.

Published:

- Sustainability Policy

2019

- Established the **2030 Sustainability Goals and Targets**.
- Sunway City Iskandar Puteri was certified with a **Silver** rating by Green Building Index Malaysia.

2020

- Established the **Board Sustainability Committee and Management Sustainability Committee** to advance the Group's sustainability leadership.
- Further enhanced Sunway Berhad Sustainability Report by aligning it with:



- Rated by:



Published:

- Occupational Health, Safety and Environment Policy
- Sustainable Procurement Policy

2021

- Adopted the requirements from:



Malaysian Code on Corporate Governance (MCCG)

- Constituent of the:

S&P Global

- SCKL attained **Diamond Recognition** for Zone Category in MBSJ Low Carbon Cities 2030 Challenge.
- Pledged to achieve **Net Zero Carbon Emissions by 2050**.
- Established Malaysia's first **Internal Carbon Pricing** framework.
- Expressed **support to the TCFD** recommendations and published the **inaugural climate report**.
- Committed to setting near-term science-based emissions reduction targets in line with the **Science Based Targets initiative (SBTi)**.
- Became a member of **Climate Governance Malaysia**, the Malaysian Chapter of the World Economic Forum's climate governance initiative.

Published:

- Biodiversity Policy
- Green Building Policy
- Human Rights Policy
- Water Management Policy

2022

- Adopted the:



Enhanced sustainability reporting requirements

- Sunway South Quay and Sunway Healthcare Treasury established **sustainability financing frameworks** that are rated by:

MARC

Malaysian Rating Corporation Berhad

- Submitted reports on climate change and water security to **Climate Disclosure Project (CDP)**.
- Spearheaded the first **Green Lease Partnership** programme for tenants and hotel lessees through Sunway REIT.
- Launched the United Nations **Sustainable Development Solutions Network (SDSN) Asia Headquarters** in SCKL.

Published:

- Diversity and Inclusion Policy
- Green Township Policy
- Sustainable Events Management Policy

2023

- Early Adopters of:



Taskforce on Nature-related Financial Disclosures

SEDG

Simplified ESG Disclosure Guide

- Introduced **incentives** under the Internal Carbon Pricing framework for renewable energy and waste diversion.
- Established an **embodied carbon emissions** roadmap for Building Materials and Quarry products to manage product's environmental impacts.
- Partnered with Entomal Biotech to launch a **Black Soldier Fly composting site** to divert food waste from landfill.
- Sunway Malls launched the **Sustainability Collaboration Alliance Network (SCAN)** to design and create SDG Education Programmes to educate business partners and retailers in embracing sustainability.

ESG BENCHMARK

In our commitment to sustainability, Sunway is dedicated to generating value for future generations by protecting the well-being of both humanity and the planet.

This commitment entails actively embracing sustainability principles, building resilience against environmental challenges, promoting social equality and driving economic growth. To attain our 2030 Sustainability Goals and Targets, Sunway’s business practices, objectives, plans and targets are closely aligned with global goals, international and national reporting frameworks and ESG rating tools.



GLOBAL GOALS

REPORTING FRAMEWORKS

LOCAL

GLOBAL

RATING TOOLS

2023 KEY HIGHLIGHTS

Score: **3.8** out of 5.0
Top **10%** of ICB supersector (Real estate)

Rating: **Negligible** ESG Risk

- Climate Change
- Water Security

Sustainable Financing Framework Assessment

- Sunway Healthcare Treasury **Gold**
- Sunway South Quay **Gold**
- Sunway Velocity Three **Silver**



2023 AWARDS AND ACCOLADES



HR Excellence Awards 2023



The Star ESG Positive Impact Awards 2023



The Star ESG Positive Impact Awards 2023



Long-term Achiever at The Edge ESG Awards



The Edge ESG Awards 2023



The Edge Malaysia Best Managed & Sustainable Property Awards 2023



GreenRE's Sustainable Development Awards 2022/2023



National Annual Corporate Report Awards (NACRA) 2023



National Annual Corporate Report Awards (NACRA) 2023

National Annual Corporate Report Awards (NACRA) 2023

- Best Sustainability Reporting Awards

Gold

Australasian Reporting Awards (ARA) 2023

- Sustainability Reporting Awards
- General Award: Sunway Berhad
- Special Awards: Sustainability Report of the Year

Gold

Bronze

Finalist

International Annual Report Competition (ARC) Awards 2023

- PDF Version of Annual Report (Sustainability Report: Asia/Pacific)

Silver

HR Excellence Awards 2023

- Employer of the Year
- Excellence in Employee Volunteerism
- Excellence in CSR Strategy

Gold

Gold

Bronze

The Edge ESG Awards 2023

- Best Performer by Sector (Industrial Products & Services)

Silver

The Star ESG Positive Impact Awards 2023

- Responsible Consumption & Production
- Transformation
- Water Management & Efficiency
- Diversity, Equity & Inclusion
- Supply Chain Management

Gold

Gold

Silver

Silver

Silver

GreenRE's Sustainable Development Awards 2022/23

- Sunway Property – Top Sustainable Developer

The Edge Malaysia Best Managed & Sustainable Property Awards 2023

- Sunway Emerald Residence: Below 10 Years Multiple-Owned Strata Residential
- Sunway Velocity: Below 10 Years Mixed Development (Entire) Category
- Sunway Putra Hotel: 10 Years & Above Specialised Category

Gold

Bronze

Bronze



50 YEARS OF RESILIENCE, GROWTH AND TRANSFORMATION

Sunway is celebrating its 50th anniversary in 2024. Over the course of the last 50 years, we have dedicated ourselves to creating a more sustainable and brighter future for all. In pursuing its nation-building aspiration, Sunway has embraced five foundational pillars that serve as the cornerstone throughout its five-decade-long journey.

The five-pointed golden star represents the five pillars that are instrumental to the success of our brand: People, Sustainability, Business, Community and Leadership. From one man's vision to a 16,000*-strong workforce, we operate a multitude of businesses in more than 50 locations worldwide today.

Sunway: Transforming Lives, Enriching Futures, One Step at a Time

PEOPLE



Sunway's five decades of excellence would not be possible without the dedication, resilience and hard work of our people – a 16,000*-strong workforce across 50 locations worldwide today. In looking for fresh ideas, unique perspectives and futuristic thinking to transform itself in the years ahead, Sunway is deeply committed towards talent development and ensuring an inclusive, diverse and meritocratic workplace that allows its best and brightest to pursue purpose-driven and meaningful work.

SUSTAINABILITY



From implementing an internal carbon pricing strategy, the first in the nation and among the first by any conglomerate in Asia, to introducing Malaysia's first green lease partnership programme, Sunway joins a host of leading global brands in charting a path towards net zero by 2050.

BUSINESS



In line with Sunway's belief that a corporation must define its purpose beyond profits if it is to make an impactful difference in the community, society and the world, Sunway has fully integrated the 17 United Nations Sustainable Development Goals into its business strategy and is committed towards advancing the Triple P bottom line of People, Planet and Prosperity.

COMMUNITY



Underscored by Sunway's core values and commitment to leave no one behind, the Group's corporate social responsibility, through the award-winning #SunwayforGood initiatives, makes a positive and lasting impact on the lives we touch through education, healthcare and community enrichment.

LEADERSHIP



For half a century, the visionary leadership of Tan Sri Sir Dr. Jeffrey Cheah shaped Sunway's journey. As Sunway continues to transform and evolve to keep pace with the changing times, its commitment towards the sustainable development agenda and core values of Integrity, Humility and Excellence will remain constant.

Note: * Refers to employees across the Group including overseas operations.

SUSTAINABILITY GOVERNANCE

GRI 2-9, 2-12, 2-13, 2-14, 2-17, 2-18

At Sunway, the Board Sustainability Committee (BSC) holds ultimate responsibility for overseeing sustainability-related and climate change matters. The BSC comprises four Directors from the Group's Board of Directors, who convene at least twice a year to discuss and review Sunway's sustainability progress and deliberate on key sustainability strategies and issues. This establishes robust sustainability governance, as Sunway's sustainability practices are integrated into all of its business operations.

We have incorporated sustainability components into the performance evaluations and remuneration-linked Key Performance Indicators (KPIs) of our Senior Management since 2021. The KPIs include ESG targets that focus on enhancing energy efficiency, utilising renewable energy sources for electricity generation, increasing waste diversion from landfills, improving occupational health and safety practices, expanding employee learning and development hours, and elevating ESG rating scores.

SUSTAINABILITY GOVERNANCE STRUCTURE





VALUE CREATION MODEL

GRI 2-22

As a conglomerate, our businesses rely on finite resources to innovate, produce and deliver products and services to optimise value creation and value appropriation (measured by return on capital employed) through strategic prioritisations and trade-offs. While we recognise the need to maximise profit for every business, we also acknowledge the importance of value creation to ensure long-term sustainable growth.

Value creation is a set of behaviours and practices that lead to outstanding achievements in an organisation. At Sunway, the value of our business is determined by our stakeholders such as our community, customers, investors, suppliers and employees. We take a long-term view of value creation practices and implications to strive to optimise value and returns for our stakeholders. Identifying the value that the Group aims to create and determining the corresponding trade-offs will not only enable us to continue addressing existing ineffective practices and shortcomings but also implement improvements and actions, optimising activities, maximising output and minimising operational costs to create cost advantages in the market.

For more information on the capitals, please refer to Sunway Berhad's Integrated Annual Report 2023.

STRATEGY

Exploring mergers and acquisitions opportunities and overseas expansion

Improving cost management and enhancing operational efficiency

Talent management and development

Optimising innovation and technologies to accelerate growth

Maximising value and synergy from the Sunway brand and increased harnessing of business and operational synergy

Increased focus on sustainability and smart cities

Advancing sustainability

CAPITAL

Financial

Manufactured

Natural

Human

Social and Relationship

Intellectual

INPUTS

Beginning of FY2023:

- Shareholders' Funds: **RM12.5 billion**
- Cash and cash equivalents: **RM2.0 billion**
- Total assets: **RM26.1 billion**
- **3 integrated townships:** Sunway City Kuala Lumpur, Sunway City Ipoh and Sunway City Iskandar Puteri
- Integrated development: Sunway Velocity, Kuala Lumpur
- Assets under management with a total net lettable area of approximately **12.3 million** square feet, in excess of **RM12.0 billion** from the Property Investment and REIT divisions
- Industrial factories and machinery
- Remaining landbank: **2,467 acres**
- Diversified business sectors
- Energy and water efficiency projects to minimise wastage
- Responsible water and waste management practices to minimise pollution
- Energy consumption from renewable sources: **27,647 MWh**
- Volume of water recycled and treated at our water treatment plant: **>1.31 million m³**
- Total employees: **11,828 employees**
- Total new hires: **4,171 employees**
- Average learning hours per employee: **40.6 hours**
- Regular engagement with our stakeholders
- Commitment to working with ethical suppliers
- **>RM7.82 million** in community investment
- Group data consolidation using predictive analytics to identify customer needs
- Multi-cloud infrastructure
- Strong commitment to cybersecurity and data protection

VISION

To be Asia's model corporation in sustainable development; innovating to enrich lives for a better tomorrow

MISSION

- **Empowering Our People** to deliver enhanced value to all stakeholders
- **Embracing Sustainability** in our business processes and decisions
- **Attracting and Nurturing** a talented and progressive workforce for the digital era

CORE VALUES

- Integrity
- Humility
- Excellence

OUR BUSINESS STRENGTHS

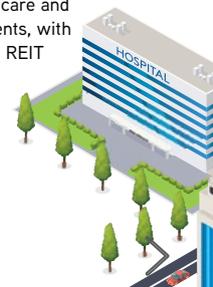
- Strong leadership
- Proven expertise and track record
- Good marketplace practices and corporate governance
- Diversified and integrated business group
- International presence
- Strong recurring income
- Strong asset and financial base
- Highly experienced professional talent
- Sustainability at the core

BUILD AND MANAGE BUILD, OWN, OPERATE



REVENUE MODEL: Recurring Income

- Yield optimisation through creation of space and asset enhancement initiatives.
- Management of assets to drive operational yield for hospitality, leisure, retail, commercial, healthcare and industrial components, with potential for future REIT injection.



BUILD TO SELL



REVENUE MODEL:

- **One-off sales of assets and recurring income from selected assets retained by the Group to support a sustainable community/township**
- Maximisation of land value through strategic landbanking, master planning and development to balance growth, cash flow and management of inventory.

BUILD FOR OTHERS



REVENUE MODEL:

Project Management and Construction Income

- Integrated design and construction services contracts, i.e. roads, bridges and rails for external customers.
- Providing construction support for the Property Development division and undertaking design and build of Group's investment properties.



STRATEGICALLY SUPPORTED BY ADJACENT BUSINESSES



REVENUE MODEL:

Sales to Group Divisions and External Customers

- Provision of raw materials, machinery, equipment and technical knowledge, and undertaking R&D in support of infrastructure development.



OUTPUTS

- Revenue: **RM6.1 billion**
- Profit before tax: **RM993.3 million**
- Gross Development Value: **RM52.9 billion**
- Property sales: **RM2.4 billion**
- Acquired a total land size of about **254 acres** in FY2023 with potential GDV of approximately **RM5.35 billion**
- Avoided **more than 29,000** tonnes of CO₂e
- All our buildings have implemented water crisis SOPs
- Diverted **8%** of waste from landfills
- Employee retention rate: **82.2%**
- Zero confirmed cases of non-compliance among our suppliers
- Total beneficiaries from our community enrichment initiatives: **>202,950**
- Achieved good customer satisfaction scores
- Sunway Digital Hub is certified with the ISO 27001:2013 international standard and is focused on the Information Security Management System

OUTCOMES

- Long-term sustainable value to shareholders
- Profitability and business growth
- Continuous enrichment of existing townships and developing townships
- Delivered goods such as building materials and properties
- Contributed to the service industry
- Contributed to national economic development
- Mitigated negative environmental impacts through responsible resource management
- Catalysed the shift towards decarbonisation
- Attracted and retained talented and diverse workforce
- High-performing workforce and delivery excellence
- Job creation
- Green and responsible procurement
- Enriched and empowered underprivileged communities, especially the B40 group
- Contributed to the nation's efforts in navigating challenges from the pandemic
- Accelerated digitalisation
- Provided quality customer experience
- Enhanced efficiency of workflow and business applications
- Established a resilient modus operandi that can withstand crises

TRADE-OFFS

There are opportunity costs where trade-offs are required. We allocated financial capital to other non-financial capitals to produce balanced outcomes in non-financial capitals that create multiplier effects in both extrinsic and intrinsic value to our stakeholders. In 2023, we continued to invest in an environment where our employees can thrive without neglecting their welfare, to improve workforce retention and productivity. We also financed our employees' learning and development needs to further develop the Company's intellectual capital in order to deliver excellence in our products and services. As a result of our investment in clean technology such as solar panels and a water treatment plant, we are also one step closer to responsible resource management and waste reduction.



MATERIALITY

GRI 3-1, 3-2, 3-3

In ensuring a sustainable value creation journey, we consistently identify and review the sustainability issues that are material to our business and the stakeholders. We conduct a comprehensive materiality assessment once every two years to align our material issues and priorities with current sustainability trends, global risks and industry peers. This includes gathering feedback from internal and external stakeholders via a materiality survey to understand the ESG impacts of our business on stakeholders and Sunway's position in sustainability. To ensure our material issues remain relevant, we review the sustainability issues once a year to respond to stakeholder concerns, mitigate risks and capitalise on opportunities.

Our last in-depth materiality assessment was held in 2022, where we gathered more than 1,100 responses from stakeholders via a comprehensive online survey. The assessment resulted with the identification of 14 material issues in the economic, environmental, social and governance pillars. We then prioritised seven material issues that were most significant to us and to stakeholders. In 2023, we conducted a materiality validation by aligning our material matters against relevant regulatory requirements and frameworks. These included Bursa Malaysia's common and sector-specific sustainability matters. We also took into consideration the SASB Standards, global megatrends and risks, as well as material matters of industry peers.

1. IDENTIFICATION OF MATERIAL ISSUES



Our material issues are **aligned to address global megatrends and risks** such as natural disasters and extreme weather events, climate change adaptation and mitigation, cost of living crisis, widespread cybercrime and cyber insecurity.

Most of the material issues identified are **commonly adopted by industry peers** as it aligns with local regulatory requirements and sector-specific risks.

- We have **prioritised** seven material issues:
- Brand and Reputation
 - Capital Allocation Strategy
 - Company's Financial Performance
 - Climate Action
 - Employee Well-Being
 - Innovation and Technology
 - Group Standards and Operating Procedures

Two of the prioritised material issues, namely Brand and Reputation and Capital Allocation Strategy, are not widely adopted by industry peers. Despite that, we continue to prioritise these issues as we **recognise the significance and material impacts** of these issues to the sustainability of our businesses.

We will progressively enhance the completeness of the materiality assessment to ensure that we respond to stakeholders' concerns and priorities, and to ensure the long-term sustainability of the Group.

2. LIST OF MATERIAL ISSUES

The materiality assessment conducted in 2022 resulted with 14 material issues which addressed economic, environmental, social and governance issues that better reflect our management approach.

ECONOMIC

1. Macroeconomic issues
2. Company's financial performance
3. Responsible and sustainable financing
4. Capital allocation strategy
5. Brand and reputation

ENVIRONMENTAL

6. Climate action
7. Protection of biodiversity and ecology
8. Pollution management

SOCIAL

9. Value chain improvement
10. Employee well-being
11. Human rights
12. Community investment

GOVERNANCE

13. Group standards and operating procedures
14. Innovation and technology

REGULATORS

Meeting national regulatory requirements is a priority in our reporting practices. Since 2015, Bursa Malaysia has made it mandatory for all public listed companies to publish a sustainability statement under the Main Market Listing Requirements (MMLR) and the Ace Market Listing Requirements. Since then, we have been reporting our sustainability performance in a standalone Sustainability Report on an annual basis to comply with Bursa Malaysia's mandatory disclosures. In September 2022, Bursa Malaysia enhanced the MMLR sustainability reporting requirements and listed 11 common sustainability matters and several sector-specific sustainability matters. Sunway Berhad has since disclosed against all the required sustainability matters.

RISKS

Identifying the internal and external risks to our business is equally important to ensure sustainable business growth. To truly drive sustainability across our organisation, we have identified and incorporated ESG risks into the Group's internal risk focus areas. These areas encompass external, people, financial, digital infrastructure, climate, environmental and social.

In addition, we referred to several global sustainability indices and rating and ranking tools to better understand our exposure to sector-specific risks that are relevant to our industry classification. Among the indices used were FTSE Russell, Sustainalytics and S&P Global.

GLOBAL MEGATRENDS

For a comprehensive analysis, we took into consideration global megatrends or issues that could directly or indirectly affect our business. We then aligned our responses with the 17 UN-SDGs and applied the Doughnut Economics Model Framework that seeks to provide a safe and just space for humanity without breaking the ecological ceiling, thus balancing human needs with planetary boundaries. Further to that, we considered global megatrends by the annual World Economic Forum (WEF) Global Risk Report and the Intergovernmental Panel on Climate Change (IPCC) Report.

STAKEHOLDER ENGAGEMENT

We gathered feedback from our stakeholders through an online survey to identify the material issues that should be prioritised according to our resources.

HOME MATERIALITY



3. STAKEHOLDER ENGAGEMENT

In 2022, we sent out an online survey to our stakeholder groups to determine the sustainability issues that should be prioritised and received more than 1,100 responses. The findings revealed the stakeholders' perceptions of the relative importance and impact of these issues on our business, as well as Sunway's impact on these issues. We collated the responses before plotting them on a materiality matrix based on the responders' views and impact according to the Board of Directors and Senior Management/Business Division Heads.

Internal

- Board of Directors
- Employees
- Sunway Senior Management/
Business Division Heads

External

- Customers
- Media & NGOs
- Suppliers/Vendors
- Investors/Financiers/Analysts
- Government Agencies/
Regulators/Local Authorities

4. VALIDATION

An external consultant was engaged to conduct a desktop validation review and ensure that our material issues were aligned with the relevant regulatory requirements and frameworks. These were in addition to global ESG frameworks, megatrends and risks, as well as industry peers. While the review did not show that Brand and Reputation and Capital Allocation Strategy were among the most common material matters adopted by industry peers, we prioritised the two issues due to their relevance to our business. Both the material matters also reflect our transition from a solely profit-driven business towards a multi-capital and multi-value path. This is supported by our recognition that ESG can, and has already, improved our financial performance.

In addition, both the material issues are aligned with our Build-Own-Operate business model, which has been driving business growth and giving us a distinctive competitive edge. It allows us to leverage the diverse commercial and operational synergies of our various business divisions. Further to that, Brand and Reputation enhances our commitment to transparency and improving the quality of our products and services, which is vital in building and maintaining stakeholder trust.

5. ENDORSEMENT

The findings from the materiality validation were presented, approved and endorsed by the Board Sustainability Committee.

HOW WE DEFINE OUR MATERIAL ISSUES

No	Material Issues	Definition
Economic		
1	Macroeconomic issues	Creating decent employment opportunities and contributing to economic development in the local communities where we operate
2	Company's financial performance	Generating economic value such as revenue, profits, employee salaries and community investment for stakeholders
3	Responsible and sustainable financing	Ensuring responsible investment decisions that include environmental, social and governance considerations
4	Capital allocation strategy (Build-Own-Operate (BOO) business model)	Distributing and investing Sunway Berhad's financial resources efficiently and sustainably, ensuring strategic allocation of capital across all 13 business divisions to optimise operational excellence and profit
5	Brand and reputation	Maintaining stakeholder trust to propel stakeholders' collective perception of Sunway Berhad
Environmental		
6	Climate action	Stepping up strategic climate initiatives through identifying and mitigating climate risks and reducing direct and indirect carbon emissions to achieve net zero by 2050
7	Protection of biodiversity and ecology	Protecting our biodiversity and the natural ecosystems by minimising the ecological impacts of our business operations to build a sustainable development
8	Pollution management	Enhancing our efforts, including collaborating with external stakeholders, to collectively reduce and manage waste generation, ultimately minimising all forms of environmental pollution including air emissions, effluents and noise
Social		
9	Value chain improvement	Advocating responsible and sustainable procurement practices through evaluating suppliers and vendors on their environmental and social impacts, and incorporating digitalisation into our value chain processes
10	Employee well-being	Ensuring employee well-being through identifying employee needs and ensuring job satisfaction by investing in the learning and development of employees, providing equal opportunities and creating a safe and conducive work environment
11	Human rights	Upholding the human rights of internal and external stakeholders across the value chain through the Group's Human Rights Policy
12	Community investment	Investing in the local communities to build a sustainable future for all, ensuring no one is left behind, by uplifting the livelihood of the underprivileged and marginalised and generating long-lasting positive social impacts
Governance		
13	Group standards and operating procedures	Upholding ethical business conduct and transparency across the Group's business operations and activities
14	Innovation and technology	Advancing the Group's digital transformation without compromising the data privacy and protection of stakeholders



STAKEHOLDER ENGAGEMENT

GRI 2-29, 3-3

Sunway has a diverse range of stakeholders who are influenced or impacted by our activities and whose decisions and actions may impact the Group. We strive to foster positive relationships with all stakeholder groups by regularly engaging with them through formal and informal channels. This allows us to recognise and resolve pertinent material issues, gaining insights into emerging opportunities and risks and effectively addressing their concerns.

We identify and manage risk through the Group's risk management framework that aligns with the ISO31000:2018 Risk Management Guidelines. Our Enterprise Risk Management (ERM) is incorporated in all our key activities, initiatives and processes of the Group for efficient risk management.

For more information on Risk Management, please refer to page 129.

OUR ENGAGEMENT METHODS

- Integrated Annual Report
- Annual Sustainability Report
- Materiality assessment
- Corporate publications
- Analyst and investor meetings
- Media releases and interviews
- Corporate website
- Social media
- Sustainability and ESG-related events

Legend

- Annually
- Throughout the year



STAKEHOLDER ENGAGEMENT



RESPONDING TO STAKEHOLDERS' PRIORITIES AND CONCERNS

ECONOMIC

The current economic transition, following the COVID-19 pandemic and the war in Ukraine, poses risks of stagnation, divergence and distress. Normalisation of monetary policies and a shift towards a moderate growth and investment era characterises this current and ongoing period. Persistent inflationary pressures may continue due to ongoing geopolitical conflicts and economic warfare prompting supply chain decoupling. The potential for a miscalibration between monetary and fiscal policies raises concerns of liquidity shocks, potentially leading to a prolonged global economic downturn and widespread debt distress.

The end of the low-interest rate era will have profound consequences for governments, businesses and individuals, particularly impacting vulnerable segments of society and fragile states. This shift may contribute to rising poverty, hunger, violent protests, political instability and even state collapse. The current economic challenges have the potential to harm the welfare of middle-income families, leading to heightened social and political tensions worldwide. In response, governments find themselves in a delicate balancing act, addressing pressing issues such as the cost of living, managing debt and navigating the shift to new energy systems within an unstable geopolitical landscape. This situation may result in an era marked by an expanding gap between affluent and impoverished nations, possibly representing the first setback in human development witnessed in decades.

Global Risks ¹	2030 Goals	Material Issues	Risks	Opportunities	Stakeholder Priorities and Concerns	Our Responses	GRI Standards	UN-SDGs
<ul style="list-style-type: none"> Financial instability due to excessive debt Inability to control and maintain stable price trends Extended period of economic decline Breakdown of a crucial industry or supply chain with systemic consequences Bursting of asset bubbles Increase in illicit economic activities 	Goal 5: Upholding Transparency and Delivering Excellence	Macroeconomic issues	<ul style="list-style-type: none"> Significant risks may arise from economic uncertainties or recessions, impacting employment, income levels and business performance. Supply chain disruptions resulting from geopolitical events, natural disasters or global crises can influence production and distribution The evolution of regulations or heightened regulatory scrutiny may give rise to compliance challenges, affecting operations and profitability 	<ul style="list-style-type: none"> Consistent and strong economic growth creates favourable conditions for business expansion and success The stability of financial markets bolsters investor confidence Developing resilient supply chains can improve organisational flexibility and mitigate the effects of disruptions 	<ul style="list-style-type: none"> Business and financial performance are influenced by macroeconomic factors like economic growth and inflation Financing costs are affected by the impact of inflation Business faces risks from policy and regulatory changes that can have adverse impacts Job security is influenced by macroeconomic factors 	<ul style="list-style-type: none"> Enhancing business and financial resilience through the implementation of innovative strategies and technology. Vigilantly monitoring and mitigating risks that could negatively impact business operations and financial performance Enforcing prudent cost management and proactive capital management initiatives Ensuring compliance with all relevant laws and regulations while upholding good corporate governance standards (pg. 128-129) Fostering the development and upskilling of employees' capabilities to enhance overall productivity (pg. 97-98) 	202 203	



Note:
¹ Global risks over the short- and long-term based on the WEF Global Risk Report 2023

Legend:

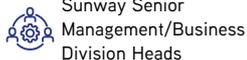
- Board of Directors
- Sunway Senior Management/Business Division Heads
- Employees
- Customers
- Suppliers/Vendors
- Investors/Financiers/Analysts
- Government Agencies/Regulators/Local Authorities
- Media & NGOs

Global Risks ¹	2030 Goals	Material Issues	Risks	Opportunities	Stakeholder Priorities and Concerns	Our Responses	GRI Standards	UN-SDGs
	Goal 5: Upholding Transparency and Delivering Excellence	Company's financial performance	<ul style="list-style-type: none"> Poor financial performance puts business continuity at risk and may result in missed investment opportunities 	<ul style="list-style-type: none"> Consistent financial stability not only appeals to investors but also yields lasting value for all stakeholders in the long run 	<ul style="list-style-type: none"> Assessing the influence of global megatrends on business and financial outcomes Demonstrating the capability to recognise opportunities and manage risks arising from global megatrends 	<ul style="list-style-type: none"> Deploying innovative approaches and technology to fortify business and financial resilience Integrating global megatrends into comprehensive business planning Ensuring timely and transparent communication of financial performance Engaging in proactive investor relations activities to connect with the investment community 	201	 
		Responsible and sustainable financing	<ul style="list-style-type: none"> Subpar financial performance jeopardises business continuity and investment opportunities Shifting investor preferences and market dynamics can steer away from companies with inadequate ESG performance and the overall financial standing of the organisation Misrepresenting sustainability efforts can lead to allegations of greenwashing, undermining the organisation's credibility and relationships with stakeholders 	<ul style="list-style-type: none"> Following sustainable financing practices is crucial to align with evolving ESG regulations, mitigating potential legal and reputational risks Adopting sustainable financing not only enhances reputation but also appeals to an expanding market of consumers and investors who prioritise environmental and social considerations 	<ul style="list-style-type: none"> Risk linked to refinancing obligations Elevated debt-related expenses 	<ul style="list-style-type: none"> Utilising sustainability-linked bonds, sustainability sukuk and partnering with financial institutions (pg. 126-127) Broadening the array of debt sources Enhancing the efficiency of debt costs 	-	   

Note:

¹ Global risks over the short- and long-term based on WEF Global Risk Report 2023

Legend:



STAKEHOLDER ENGAGEMENT

Global Risks ¹	2030 Goals	Material Issues	Risks	Opportunities	Stakeholder Priorities and Concerns	Our Responses	GRI Standards	UN-SDGs
	Goal 5: Upholding Transparency and Delivering Excellence	Capital allocation strategy	<ul style="list-style-type: none"> Poor assessment of investment prospects results in projects that underperform and resources being squandered Financial performance is affected by market volatility, impacting returns on capital investments A rigid capital allocation strategy may impede the ability to adjust to changing market conditions, technological advancements or unforeseen challenges 	<ul style="list-style-type: none"> Efficient deployment of capital to support strategic initiatives that promote sustained long-term growth 	<ul style="list-style-type: none"> A forward-looking and sustainable business model A business model that generates value for stakeholders Active contribution to community enrichment and nation-building 	<ul style="list-style-type: none"> Formulating approaches to enhance the robustness of the business model Engaging in proactive initiatives with investors to convey Sunway's business model to the investment community Vigilantly overseeing and addressing risks that could undermine the resilience of the business model 	-	  
		Brand and reputation	<ul style="list-style-type: none"> Engaging in unethical business practices, legal disputes or regulatory infractions can damage a company's reputation Adverse media coverage has the potential to erode customer trust and loyalty Problems with products and services, as well as inconsistencies, may result in a loss of confidence in the brand Ineffective crisis response and mishandled communications can further compound reputational damage 	<ul style="list-style-type: none"> Positioning the organisation as an industry thought leader contributes to enhanced credibility Ensuring a continual delivery of high-quality products, exceptional customer service and positive experiences Fostering transparent and effective communication with stakeholders 	<ul style="list-style-type: none"> Recognition as a trustworthy brand Ethical business practices throughout the organisation Delivering top-notch products, outstanding customer service and positive experiences 	<ul style="list-style-type: none"> Maintaining strong corporate governance and ethical business practices (pg. 128-129) Ensuring adherence to all applicable laws and regulations (pg. 70, 77, 128-129) Ensuring excellence in product and service quality (pg. 88-91) Taking a leadership role in sustainability stewardship (pg. 14-17) Ensuring that products are manufactured in compliance with safety standards (pg. 88) 	-	

Note:
¹ Global risks over the short- and long-term based on WEF Global Risk Report 2023

Legend:

 Board of Directors	 Sunway Senior Management/Business Division Heads	 Employees	 Customers	 Suppliers/Vendors	 Investors/Financiers/Analysts	 Government Agencies/Regulators/Local Authorities	 Media & NGOs
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RESPONDING TO STAKEHOLDERS' PRIORITIES AND CONCERNS

ENVIRONMENTAL

As we strive to focus on creating positive value, we apply Kate Raworth's Doughnut economics model, which calls for balancing human needs with planetary boundaries, ensuring life's necessities without overburdening Earth's life-support systems. The model incorporates nine planetary boundaries in the environmental ceiling and twelve dimensions from internationally agreed social standards. Its goal is to create an environmentally safe and socially just space between social and planetary boundaries for humanity to thrive. Additionally, the WEF Global Risks Report 2023 highlighted climate and environmental risks as dominant risks in global risk perceptions, particularly as the least prepared. Current global crises disproportionately impact the often overlooked natural ecosystems, setting off a chain reaction of nature loss and climate change. Without policy changes and investments, the synergy of climate change, biodiversity loss, food security and resource consumption may accelerate the ecosystem collapse. This could lead to compromised livelihoods, increased natural disaster impacts and obstacles to climate mitigation progress.

Global Risks ¹	2030 Goals	Material Issues	Risks	Opportunities	Stakeholder Priorities and Concerns	Our Responses	GRI Standards	UN-SDGs
<ul style="list-style-type: none"> • Failure to mitigate climate change • Failure of climate-change adaptation • Natural disasters and extreme weather events • Biodiversity loss and ecosystem collapse • Natural resource crises • Large-scale environmental damage incidents 	<p>Goal 1: Transforming Our Portfolios to Low-Carbon Sustainable Cities</p>	<p>Climate action</p> <ul style="list-style-type: none"> • Physical impacts of climate change • Energy management • Water management 	<ul style="list-style-type: none"> • Carbon tax will raise operational expenses for assets, products or services with high carbon emissions • Lack of preparedness in adhering to emerging climate-related regulations • Potential harm to physical assets, financial losses and business disruptions arising from inadequate climate adaptation and mitigation measures • Elevated operational costs and the risk of scarcity due to inefficient water management 	<ul style="list-style-type: none"> • Implementing a robust climate change strategy for business continuity • Establishing a strong presence in low-carbon solutions market to meet growing demand • Optimising water management for cost reduction and encouraging water conservation measures 	<ul style="list-style-type: none"> • Ensuring timely, transparent communication on Sunway's business operations and environmental impacts • Addressing physical and transitional climate change risks • Ensuring the implementation of plans with risk mitigation, contingency measures and adaptability to fast-moving trends • Emphasising transit-oriented and integrated developments • Focusing on enhancing energy and water consumption efficiency • Investing in innovative, cleaner and more enhanced technologies 	<ul style="list-style-type: none"> • Aligned our Climate Report with TCFD recommendations (pg. 41-51) • Provided transparent disclosures of environmental impact in the Sustainability Report (pg. 61-77, 137-150) • Strengthened climate action through an Internal Carbon Pricing framework (pg. 47) • Enhanced risk management via Value at Risk (VaR) assessment on climate change exposure (pg. 43-46) • Implemented energy and water-saving initiatives for reduced consumption and environmental impacts (pg. 61-69) • Invested in renewable energy to decrease GHG emissions and our carbon footprint (pg. 61) • Deployed sustainable water supply systems, including a water treatment plant and rainwater harvesting, to lessen reliance on municipal water supply (pg. 64-65) 	<p>302 305</p>	



Note:

¹ Global risks over the short- and long-term based on WEF Global Risk Report 2023

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 Media & NGOs

STAKEHOLDER ENGAGEMENT



Global Risks ¹	2030 Goals	Material Issues	Risks	Opportunities	Stakeholder Priorities and Concerns	Our Responses	GRI Standards	UN-SDGs
	Goal 1: Transforming Our Portfolios to Low-Carbon Sustainable Cities	Protection of biodiversity and ecology	<ul style="list-style-type: none"> Depletion of biodiversity and ecosystem collapse from natural resource destruction 	<ul style="list-style-type: none"> Implementing measures to prevent/mitigate biodiversity loss 	<ul style="list-style-type: none"> Implementing strategies for handling business operations and their impacts on the natural habitat and biodiversity 	<ul style="list-style-type: none"> Introduced a Biodiversity Policy to guide the Group in integrating biodiversity considerations into business activities and decision-making processes (pg. 56-57) Implemented a Green Township Policy that addresses community needs while minimising environmental and societal impacts in areas surrounding built environments (pg. 56-58) Established a Green Building Policy to guide sustainable designs and resource management, reducing the impact of our operations on communities and the environment (pg. 56-58) Committed to constructing integrated developments that contribute to urban revitalisation and brownfield redevelopment (pg. 59) 	304	
		Pollution management	<ul style="list-style-type: none"> Increased operational costs linked to landfill waste disposal Financial penalties or legal actions resulting from non-compliance with environmental regulations issued by local authorities/regulators 	<ul style="list-style-type: none"> Ensuring waste reduction and resource efficiency will lead to cost savings Implementing effective pollution management will minimise operational impact 	<ul style="list-style-type: none"> Conducting initiatives to divert/recover waste and minimise landfill disposal Preventing environmental pollution through proper waste/effluents management for public health safety 	<ul style="list-style-type: none"> Utilised a waste management hierarchy to prevent, decrease and minimise waste (pg. 70-76) Implemented a Sustainable Events Management Policy to aid event organisers in planning and executing successful events with minimal environmental impact and positive community relations (pg. 129) Monitored effluents, air emissions and noise pollution at relevant sites (pg. 77) 	303 306	



Note:
¹ Global risks over the short- and long-term based on WEF Global Risk Report 2023

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- Government Agencies/Regulators/Local Authorities
- Media & NGOs

RESPONDING TO STAKEHOLDERS' PRIORITIES AND CONCERNS

SOCIAL

Currently, growing crises are impacting societies, affecting more than just vulnerable communities, and destabilising global economies. The expected 2023 global cost-of-living crisis, driven by severe anticipated risks, is already underway. While wealthier nations have eased some economic impacts, many lower-income countries face multiple crises. Consistent supply-side challenges may escalate the current cost-of-living crisis into a broader humanitarian issue, especially in import-dependent markets, within the next two years. To this end, our commitment is to foster a secure, equitable and dignified workplace, to support livelihoods and contribute to the overall sustainability of our organisation. We aim to secure our pool of talents through enhancing the health, safety and well-being of our people, thereby boosting our productivity, talent attraction and retention. Our focus extends to nurturing leaders within Sunway, empowering talent capabilities and ensuring a robust talent pipeline for the future. Additionally, we persist in uplifting communities in areas where we operate through various enrichment programmes and relief efforts to support those around us.

Global Risks ¹	2030 Goals	Material Issues	Risks	Opportunities	Stakeholder Priorities and Concerns	Our Responses	GRI Standards	UN-SDGs
<ul style="list-style-type: none"> • Cost-of-living crisis • Large-scale involuntary migration • Erosion of social cohesion and societal polarisation • Employment crises • Infectious diseases • Severe mental health deterioration • Chronic diseases and health conditions 	<p>Goal 2: Advocating a Responsible Value Chain</p>	<p>Value chain improvement</p> <ul style="list-style-type: none"> • Resource management • Materials • Supplier risk assessment • Customer satisfaction 	<ul style="list-style-type: none"> • Inability to meet stakeholders' request to use sustainable materials could lead to a decline in market share • Material scarcity may cause supply chain disruptions • Non-compliance of suppliers and contractors with the company's ethical principles and safety culture may lead to operational disruptions • Falling short of customers' expectations affects their confidence and loyalty, resulting in lower revenue 	<ul style="list-style-type: none"> • Choosing sustainable materials improves the company's brand image and draws in eco-conscious customers and investors • Implementing robust procurement governance attracts and retains reputable and skilled suppliers and contractors • Consistent supplier assessments, including environmental and social assessments, uphold the company's commitment to high standards in environmental and social aspects • Regular customer engagements allow us to make improvements to meet customers' expectations 	<ul style="list-style-type: none"> • Ensuring efficient resource management to avoid supply chain disruptions • Adapting to shifts in consumer behaviour and preference to cleaner and greener products and services • Upholding ethical business practices within the supply chain (e.g. labour standards and practices, human rights, freedom of association) • Delivering premium quality products and services in the industry or market 	<ul style="list-style-type: none"> • Established a Sustainable Procurement Policy as a tool for communication and improvement in our procurement process (pg. 79) • Implemented a Supplier Code of Conduct to ensure suppliers adhered to applicable laws, rules, codes and regulations (pg. 79) • Developed an embodied carbon emissions roadmap to minimise environmental impacts of our products (pg. 82, 84-85) • Adopted digitalisation and initiated decarbonisation throughout our supply chain (pg. 82-83, 86-87) • Ensured that suppliers and vendors commit to respecting human rights based on the UN Guiding Principles on Business and Human Rights, UN Global Compact (UNGC) Principles and acknowledging the International Labour Organization's (ILO) eight fundamental conventions (pg. 93) • Enforced proper product marketing and labelling, along with maintaining engagement for customer satisfaction (pg. 88-91) 	<p>204</p> <p>301</p> <p>308</p> <p>414</p> <p>417</p> <p>418</p>	          

Note:
¹ Global risks over the short- and long-term based on WEF Global Risk Report 2023

Legend:

 Board of Directors

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STAKEHOLDER ENGAGEMENT

Global Risks ¹	2030 Goals	Material Issues	Risks	Opportunities	Stakeholder Priorities and Concerns	Our Responses	GRI Standards	UN-SDGs
	Goal 3: Developing a Safe, Equal and Dignified Workforce	Employee well-being <ul style="list-style-type: none"> Employee engagement Learning and development Occupational health and safety 	<ul style="list-style-type: none"> Employees who are disengaged and underdeveloped contribute to reduced productivity and performance Inadequate benefits and remuneration negatively impact employee motivation Workplace accidents and injuries result in productivity losses, legal consequences such as penalties, and reputational damage 	<ul style="list-style-type: none"> Impactful talent development and upskilling programmes, with attractive benefits packages, allow us to retain and attract top-tier industry talents, fostering a high-performance culture Nurturing a robust safety culture within a conducive working environment boosts employees' well-being and productivity, upholding the company's reputation 	<ul style="list-style-type: none"> Offering compelling benefits, competitive remuneration, career development and progression opportunities Prioritising work-life balance for all employees Maintaining a conducive and safe workplace environment for both employees and contractors Adhering to social laws and regulations in compliance with standards 	<ul style="list-style-type: none"> Implemented family-friendly policies, offering benefits beyond industry standards (pg. 95) Advocated work-life balance through programmes and organised health and wellness activities (pg. 94-95) Enhanced the learning and development of employees to ensure excellence in performance and delivery (pg. 97-98) Conducted performance assessments to facilitate continuous development and enhancement of skills and capabilities (pg. 98) Enforced an Occupational Health, Safety and Environment (OHSE) Policy and formulated a five-year OHSE Strategy to establish a secure and healthy work environment (pg. 102-109) 	403 404	     
		Human rights <ul style="list-style-type: none"> Diversity and inclusion 	<ul style="list-style-type: none"> Violations of human rights practices result in regulatory penalties, influence employee retention and culture, and lead to reputation damage Discriminatory employment practices have a detrimental impact on the company's reputation 	<ul style="list-style-type: none"> Robust human rights practices bolster the company's reputation as a responsible employer Cultivating an inclusive, diverse and empowering work culture attracts talents and brings in diverse perspectives that enhance decision-making 	<ul style="list-style-type: none"> Safeguarding the rights of all our employees Cultivating a fair, inclusive and non-discriminatory work environment 	<ul style="list-style-type: none"> Implemented a Human Rights Policy to protect, promote and respect human rights across our operations (pg. 93) Adopted a Diversity and Inclusion Policy, highlighting our commitment to fostering a culture that appreciates and respects diversity (pg. 99) Maintained a zero-tolerance stance against discrimination based on race, religion, gender, age, disability and nationality (pg. 93, 99) 	401 402 405 406 407 408 409 410 411 416	   

Note:
¹ Global risks over the short- and long-term based on WEF Global Risk Report 2023

Legend:

-  Board of Directors
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-  Media & NGOs



Global Risks ¹	2030 Goals	Material Issues	Risks	Opportunities	Stakeholder Priorities and Concerns	Our Responses	GRI Standards	UN-SDGs
	Goal 4: Investing in Community Inclusivity	Community investment	<ul style="list-style-type: none"> Business activities that have adverse impacts on communities affect the company's social licence to operate 	<ul style="list-style-type: none"> Consistent engagement in community impact programmes strengthens the company's relationship with local communities 	<ul style="list-style-type: none"> Engaging in impactful corporate social responsibility activities to support communities Addressing the escalating livelihood crises through significant programmes 	<ul style="list-style-type: none"> Persisted in efforts to enrich and empower local communities through our #SunwayforGood corporate social responsibility (CSR) initiatives (pg. 111-123) 	413	



Note:

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STAKEHOLDER ENGAGEMENT



RESPONDING TO STAKEHOLDERS' PRIORITIES AND CONCERNS

GOVERNANCE

Sunway emphasises the importance of good corporate governance, encompassing environmental awareness, ethical conduct, corporate strategy, compensation and risk management. Transparency in records and procedures is a priority to us for the benefit of our shareholders and stakeholders. We aim to enhance anti-corruption efforts, acknowledging the findings of the 2022 Corruption Perceptions Index (CPI) that highlighted global challenges related to corruption. The company recognises the potential adverse effects of corruption, which includes losing stakeholder trust and opportunities, reducing resources and harming the business's reputation.

As Malaysia targets a top 25 ranking in the CPI within a decade, this further stresses the need for concerted anti-corruption measures. The technology sector is a focal point of enhanced industrial policies and state intervention globally. While technology provides solutions to health, food security and climate challenges, it also introduces risks, including misinformation, job disruption and cyber threats. Rapid technology development without clear protocols poses risks, with potential attacks on critical infrastructure and misuse of personal information. We are cognisant of the need for vigilance, aligning interests with our stakeholders and maintaining a commitment to ethical conduct in the face of evolving global challenges.

Global Risks ¹	2030 Goals	Material Issues	Risks	Opportunities	Stakeholder Priorities and Concerns	Our Responses	GRI Standards	UN-SDGs
<ul style="list-style-type: none"> Escalation of cybercrime and digital insecurity Breakdown of critical information infrastructure Centralisation of power in the digital realm Disparities in access to digital services Unfavourable outcomes associated with frontier technologies 	Goal 5: Upholding Transparency and Delivering Excellence	Group standards and operating procedures <ul style="list-style-type: none"> Anti-corruption 	<ul style="list-style-type: none"> Inadequate corporate governance practices have the potential to damage a company's reputation and image 	<ul style="list-style-type: none"> Effective corporate governance practices enhance the company's reputation as trustworthy company among stakeholders 	<ul style="list-style-type: none"> Enforcement of the policies and requirements set by relevant agencies or professional bodies Professional and transparent business conduct 	<ul style="list-style-type: none"> Ensuring strong corporate governance through the implementation of rigorous policies (pg. 128-129) 	202 203	
			Innovation and Technology <ul style="list-style-type: none"> The occurrence of cyberattacks, such as the unauthorised access to customer data, can result in a loss of customer trust and harm to the company's reputation 	<ul style="list-style-type: none"> Implementing effective corporate governance practices raises the company's reputation as a trustworthy entity among stakeholders 		<ul style="list-style-type: none"> Enforcement of policies and enhancing the data protection system 		

Note:
¹ Global risks over the short- and long-term based on WEF Global Risk Report 2023

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- Media & NGOs



SUSTAINABILITY STRATEGY

GRI 2-22

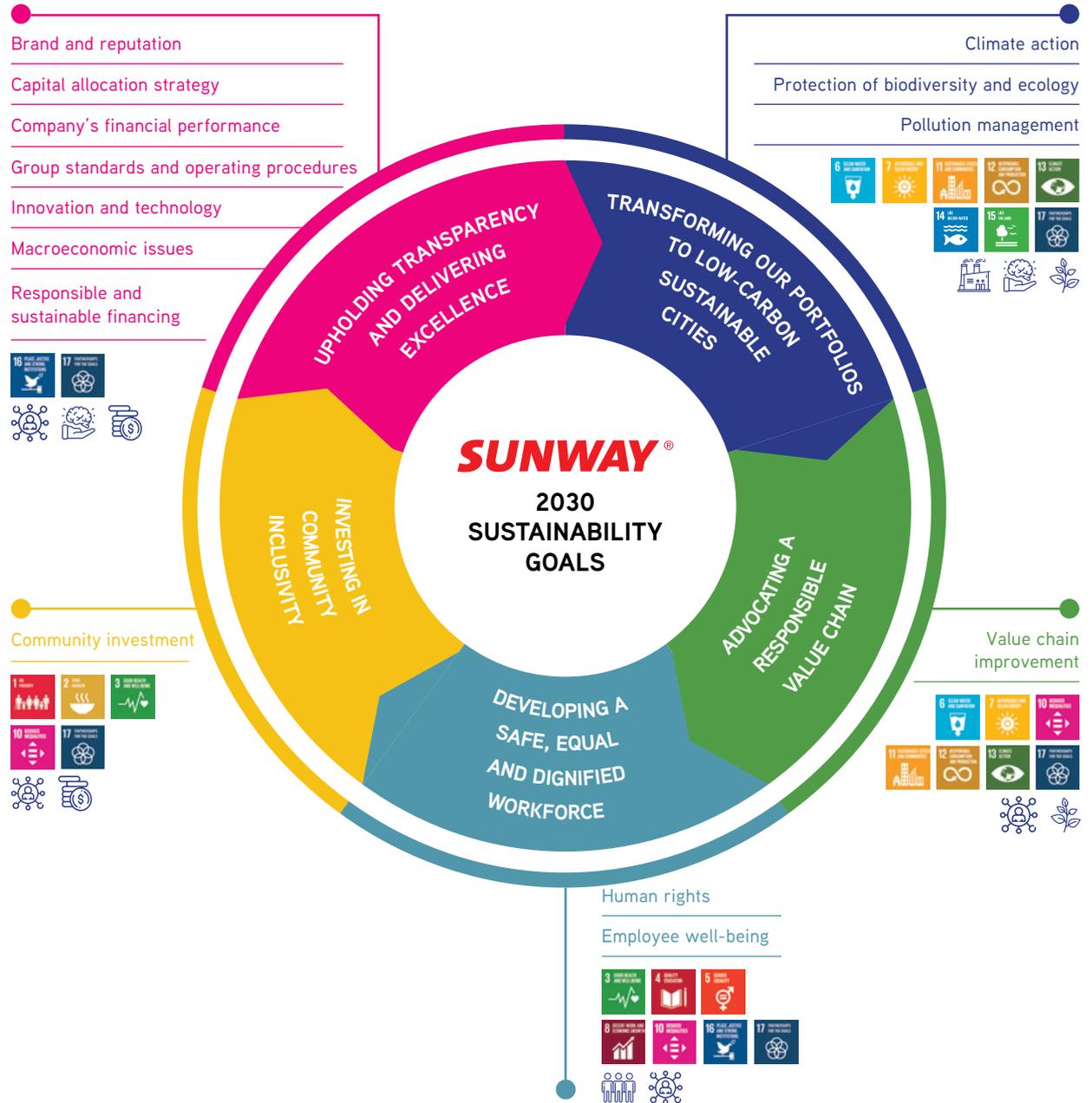
As we persist in championing the UN-SDGs and Malaysia's Shared Prosperity Vision (SPV2030) agendas, it remains imperative for us to advance our sustainability journey through the development, establishment and integration of a sustainability strategy. This strategy will serve as a guiding framework, ensuring that we conduct our business in an environmentally and socially responsible manner while ensuring long-term economic viability. We believe that this sustainability strategy will help us in integrating ESG considerations into our business operations. Furthermore, it will enable us to balance profitability with responsible business practices, meet the needs of our stakeholders and contribute to a more sustainable and just future.

Our robust sustainability strategy serves as an overarching guide for us to address key sustainability issues and their risks and opportunities. We regularly review our materiality assessments and benchmark against current global and local trends to effectively address the challenges impacting our business and stakeholders.

Addressing the sustainability material issues that are most important to us and our stakeholders is pertinent in our sustainability journey. These material issues are addressed within our 2030 Sustainability Goals and Targets, which are part of our sustainability strategy. We measure the performance against the targets within each goal annually. We recognise that these sustainability issues could generate risks or opportunities that may impact our value creation in the short, medium or long term.

Our 2030 Sustainability Goals and Targets enable us to meet stakeholders' expectations and ensure that we make efforts to mitigate our environmental impacts, empower our people and the general community, and uphold robust governance practices. The five Sustainability Goals represent the core of our framework.

To further emphasise good business practices, we refined the fifth goal, enhancing it from 'Respecting Ethical Principles' to 'Upholding Transparency and Delivering Excellence'. The refreshed goal complements the four other goals and has a wider scope that includes economic and governance performance. We are cognisant that the sustainability of financial performance is crucial, as it enables us to continue our pursuit in other sustainability agendas. The refreshed goal also demonstrates our commitment to transparency through ESG disclosures, which has allowed us to maintain good ESG index ratings.





2023 SCORECARD

GRI 2-22

2030 SUSTAINABILITY GOALS AND TARGETS

Our Sustainability Scorecard helps us track our performance against our goals and targets. In 2021, we started to integrate sustainability components into the Senior Management’s performance evaluations and key performance indicators (KPIs), which are linked to remuneration. We continued to link the remuneration for senior executives to ESG performance in 2023, such as improving energy efficiency, increasing renewable energy generation, reducing waste to landfill, managing occupational health and safety performance, and maintaining good ESG ratings.

Legend: Progress Tracking

● ○ ○ On track and progressing steadily ○ ● ○ Progressing well ○ ○ ● Progress exceeds expectations

GOAL 1: TRANSFORMING OUR PORTFOLIOS TO LOW-CARBON SUSTAINABLE CITIES



2030 Targets	2023 Performance	Description
Building Energy Intensity (BEI)/Energy Use Intensity (EUI) should stay below the annual targets set for the respective business divisions starting from 2022. <i>(The business divisions should continue to stay below the BEI/EUI targets which will reduce by 3.5% to 4% on a y-o-y basis up to 2030 to align with the IPCC target of 45% reduction in carbon emissions by 2030.)</i>	● ○ ○ Energy intensity targets and performance (pg. 50, 63)	All of the business divisions were able to meet their respective energy intensity targets set for 2023, except for the Leisure division.
At least 40% of electricity from renewable energy sources by 2030 <i>(5% locally generated, 35% purchased from green sources/solar farms)</i>	○ ○ ● 27,647 MWh (7%) of renewable energy was consumed	<ul style="list-style-type: none"> • 12,002 MWh (3%) of solar energy was locally generated through solar PV panels installed at our properties. • 15,644 MWh (4%) of renewable energy was purchased from the national grid (Green Electricity Tariff). • The total electricity consumption in 2023 was 412,090 MWh.
40% waste diverted from landfills by 2030	○ ● ○ 8% of waste diverted from landfills	The waste diversion rate increased by 4% from 2022.
To achieve a reduction of 10% in overall water intensity target for managed assets by 2030 (Baseline year: 2015)	● ○ ○ The overall water intensity for managed assets increased by 16% from baseline	The water intensity of our managed assets have increased from the baseline due to higher water consumption to meet business demands. Despite that, we continue to strive to reduce our reliance on municipal potable water supply.
To reduce the Group’s reliance on municipal water supply by up to 50% through investment in alternative supplies and sources, thereby enhancing water security, by 2030	○ ● ○ 27% of water supply from non-municipal sources	In 2023, the total water consumption was 5,256,734 m ³ , where 27% (1,412,855 m ³) of the consumption was sourced from non-municipal water supply.
To achieve at least five days of uninterrupted water supply from the onset of a water disruption event via a combination of onsite reserves and/or secured offsite supplies for all properties located within KL/Selangor by 2030	○ ● ○ Four out of 14 of properties that are not located within Sunway City Kuala Lumpur (SCKL) can sustain themselves for at least five days during the onset of a water disruption event	We have a total of 32 properties located within KL/Selangor, where 18 of the properties are located in SCKL and are able to sustain themselves during the onset of a water disruption event. This is because the properties are piped to the water treatment plant in SCKL. Hence, we are strengthening the water security of the remaining 14 properties.
All industrial property sites to be ISO 14001:2015 (Environmental Management Systems)-certified by 2030	○ ● ○ Six out of six Building Materials sites are ISO 14001:2015 certified and maintained their certification	All of our Building Materials sites have been ISO14001-certified. The other industrial sites are progressing towards obtaining the certification.
All ongoing construction sites are ISO 14001:2015 (Environmental Management Systems)-compliant	○ ○ ● 16 ongoing construction sites are ISO 14001:2015-compliant	We continuously monitor the environmental performance of our ongoing construction sites.



GOAL 2: ADVOCATING A RESPONSIBLE VALUE CHAIN



2030 Targets	2023 Performance	Description
To review and initiate disclosures of Scope 3 emissions where relevant and applicable	○ ● ○ Five out of 15 Scope 3 emissions categories have been disclosed (pg. 48-49).	We are reviewing the relevance of the remaining Scope 3 emissions categories and strive to expand the emissions coverage.
All suppliers to disclose in accordance with ESG standards and framework where relevant and applicable	○ ● ○ In progress	The enhancement of our Supplier Risk Assessment form to incorporate the Simplified ESG Disclosure Guide (SEDG) by Capital Markets Malaysia is in progress.

GOAL 3: DEVELOPING A SAFE, EQUAL AND DIGNIFIED WORKFORCE



2030 Targets	2023 Performance	Description
To not be higher than the first quadrant of the DOSH national fatality rate by 2030 (1.46 fatalities for every 100,000 workers)	○ ○ ● Achieved a zero fatality rate	We will ensure the continuity of best OHSE practices across all sites to avoid any fatalities at sites.
To reduce the occupational accident rate to 0.95 for every 1,000 workers, which is within quadrant 1 of the DOSH national accident rate, by 2030	○ ● ○ Occupational accident rate of 4.36 for every 1,000 workers	In 2023, our interim target for the occupational accident rate was 1.9 for every 1,000 workers. The rate increased due to increased supervision and OHSE practitioners being encouraged to prepare incident reports to identify hazards and perform mitigation actions to prevent further incidents. We will continue to instill awareness on incident reporting and organise OHSE programmes to enhance the skills and knowledge of our OHSE practitioners.
All business divisions (where relevant and applicable) to be ISO 45001:2018-certified and achieve OHS culture - Level 4 and above by 2030	○ ○ ● <ul style="list-style-type: none"> Four (12%) of the sites are ISO 45001:2018-certified 97% of the sites achieved 'Excellent' in compliance 45% of the sites achieved 'Platinum' in Best Practice ranking 	We were able to achieve the interim targets set in 2023: <ul style="list-style-type: none"> 9% of the sites to be ISO 45001:2018-certified 85% of the sites to achieve 'Excellent' in compliance 15% of the sites to achieve 'Platinum' in Best Practice ranking
36 learning and development (L&D) hours per employee (EG1 and above)	○ ○ ● 40.6 learning hours per employee	The average learning hours per employee increased compared to 2022.

GOAL 4: INVESTING IN COMMUNITY INCLUSIVITY



2030 Targets	2023 Performance	Description
To reach out and support over two million beneficiaries from 2015 to 2030	○ ○ ● 1,257,285 beneficiaries impacted from 2015 to 2023	More than 202,950 beneficiaries in 2023.

GOAL 5: UPHOLDING TRANSPARENCY AND DELIVERING EXCELLENCE



2030 Targets	2023 Performance	Description
To maintain our position in the top 10% of the Industry Classification Benchmark (Real Estate) Supersector assessed by FTSE Russell	○ ○ ● Maintained position in the top 10% of the Industry Classification Benchmark (Real Estate) Supersector assessed by FTSE Russell	We will continuously enhance our ESG disclosures and ensure transparent communication of our initiatives.
To achieve and/or maintain low/negligible Sustainalytics ESG Risk Rating by 2030	○ ○ ● Achieved Negligible ESG Risk Rating by Sustainalytics	

UN SUSTAINABLE DEVELOPMENT GOALS (UN-SDGS)



Sunway teamed up with various external partners to **support the needs** of the underserved and underprivileged communities.



We provided a sponsorship of **RM1 million** to support the Malaysian AIDS Foundation (MAF) to provide medical care and counselling to individuals with HIV.



40% of Board of Directors in 2023 were women.



We consumed **27,647 MWh** of renewable energy in 2023, enough to power approximately 3,812 homes for a year.



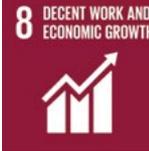
We packed **1.6 million meals** with Rise Against Hunger Malaysia through the Sunway Food Bank initiative since 2014.



We invested **RM200,000** to set up, refurbish and purchase books for 20 libraries through Sunway READ programme.



In 2023, we consumed more than **1.31 million m³** of water (equivalent to more than 524 Olympic-sized swimming pools) from the water treatment plant in Sunway City Kuala Lumpur.



We provided employment to **11,828** people in 2023 (4,171 new hires).



Sunway XFarms has established **6 urban farms** in the Klang Valley to expand and manage sustainable farms in close proximity to consumers.



We onboarded neurodiverse individuals with autism to support **sustainable employment** for persons with disabilities.



We diverted **8%** of our waste from landfills in 2023.



In 2023, we released **21,000** sea bass in batches into the Pendas River to balance the ecosystem of the river.



85% of our operations were assessed for bribery- and corruption-related risks.



41 buildings and **2 townships** have attained green certification as of 2023.



We avoided **more than 73,400** tonnes of CO₂e since 2019 as we progress towards Net Zero Carbon Emissions by 2050.



Sunway townships are surrounded by at least **40%** greenscapes and bluescapes with more than **272,000 trees** planted.



Sunway Group and UOB Malaysia have **inked a partnership** to advance the net zero goal.





GOAL 1

TRANSFORMING OUR PORTFOLIOS TO LOW-CARBON SUSTAINABLE CITIES

41	Climate Report: Net Zero by 2050
56	Adapting to Climate Change
61	Managing Our Environmental Impact

CAPITAL



Manufactured



Intellectual



Natural

MATERIAL ISSUES

- Climate action
- Protection of biodiversity and ecology
- Pollution management

ACTIVITIES

- Decarbonisation initiatives
- Transit-oriented development
- Energy- and water-efficiency projects
- Responsible water and waste management practices

VALUE CREATED

- Efficient resource management
- Efficient energy and water management
- Reduced waste to landfills
- Well-connected communities



- Transformation 3: Energy Decarbonisation and Sustainable Industry
- Transformation 4: Sustainable Food, Land, Water and Oceans
- Transformation 5: Sustainable Cities and Communities



Sunway continues to transform its portfolios to low-carbon sustainable cities by embedding sustainability into its business strategy and operations. Aiming to leave no one behind, the Group strives to build integrated cities that will be sustainable for all through leveraging innovation and technology, minimising negative environmental impacts and transforming its buildings into green assets.



CLIMATE REPORT: NET ZERO BY 2050

GRI 3-3, 201-2, 302-3, 305-1, 305-2, 305-3, 305-4, 305-5

Global temperature continues to rise amid calls to action by climate experts to accelerate the transition to a low-carbon economy. According to the UN Environment Programme's latest Emissions Gap Report, released in November 2023, the current commitments made under the Paris Agreement are expected to lead to a temperature increase of 2.5°C to 2.9°C above pre-industrial levels by the end of this century. This exceeds the 1.5°C limit crucial for avoiding the most severe consequences of climate change¹. The effects of climate change such as sea level rise, and excessive rain and storms have already disrupted businesses and daily lives, causing property damage and global supply chain disruptions.

¹ Emissions Gap Report 2023: <https://www.unep.org/resources/emissions-gap-report-2023>

ENHANCING OUR CLIMATE JOURNEY WITH GLOBAL STANDARDS

As an advocate for a sustainable future, Sunway is committed to adapting to climate change and mitigating climate risks. In line with our goal to transform our portfolios to low-carbon sustainable cities, we have stepped up our climate action and taken several tangible measures to accelerate our low-carbon journey. This includes delivering on our commitment to Net Zero Carbon Emissions by 2050 Roadmap and introducing Malaysia's first Internal Carbon Pricing framework, which puts a monetary value on carbon emissions to guide our business divisions and their investment strategies in mitigation transitional risk. To achieve net zero emissions, we aim to reduce emissions of Scope 1 and 2 by 2030. To reduce Scope 3 emissions by 2050, we have implemented initiatives such as the Green Lease Partnership Programme and green procurement practices. This is in addition to incorporating environmental criteria in our supplier risk assessment so that we can work closely with external stakeholders and reduce embodied carbon.

With an ambition of being Asia's model corporation in sustainability development, we strive to walk the talk and lead by example in decarbonising. For instance, we were one of the earliest companies to commit to setting near-term science-based emissions reduction targets in line with the Science Based Targets initiative (SBTi). Additionally, we were one of the first few publicly listed Malaysian companies to endorse the recommendations of the Task Force on Climate-related Financial Disclosures (TCFD), which is now governed under the International Sustainability Standards Board (ISSB) standards.

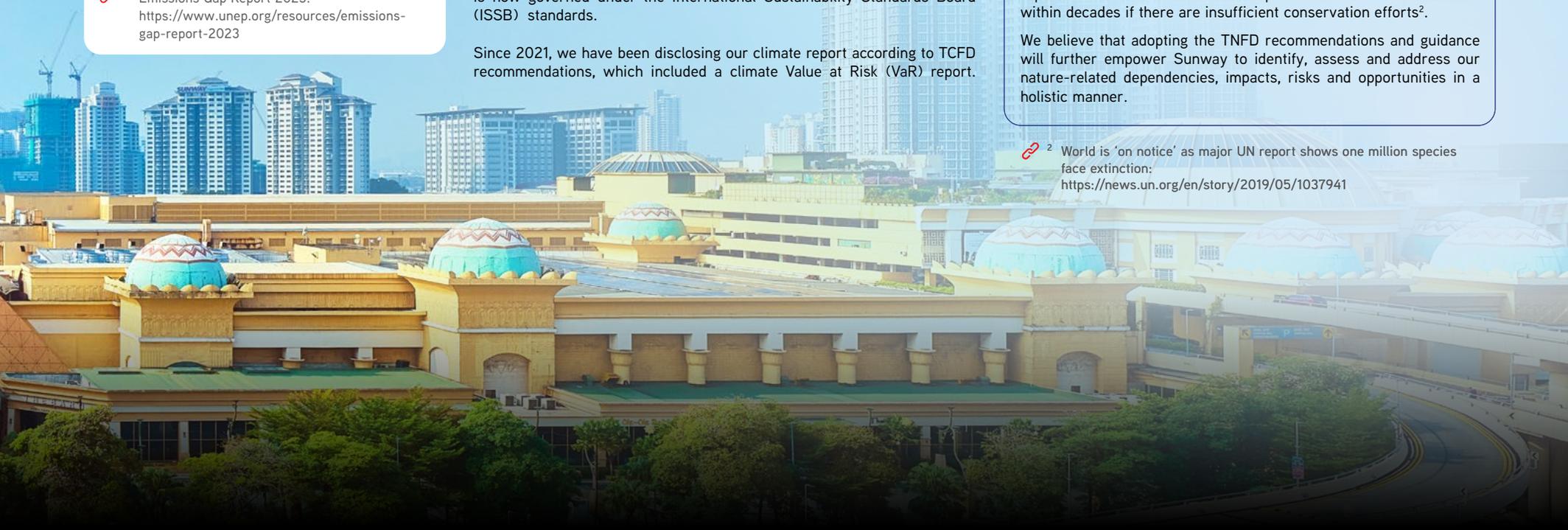
Since 2021, we have been disclosing our climate report according to TCFD recommendations, which included a climate Value at Risk (VaR) report.

The VaR analysis, which was quantified by the Jeffrey Sachs Center on Sustainable Development (JSC), was based on the worst-case scenario and assessed the potential financial losses of the Group's property assets. The analysis included recommendations on the appropriate mitigation measures based on the assumption that the worst material physical risks would occur due to climate change. The worst-case scenario is as described in the IPCC Assessment Report 6, where global annual carbon emissions will rise higher than 120 gigatonnes per year by 2100 and the median global temperature will increase by 4.4°C over pre-industrial levels, higher than the 2°C scenario. In 2023, we continued to submit responses to the CDP framework. Our responses under the climate change and water security aspects enable us to monitor and benchmark progress besides identifying risks and opportunities.

Additionally, as part of our ongoing commitment to enhancing our disclosures, we are now an early adopter of the Taskforce on Nature-related Financial Disclosures (TNFD). This means that we recognise nature-related issues as critical components of our strategic risk management. We acknowledge that climate change impacts have affected our ecological systems and biodiversity. The UN has reported that at least one million species are at risk of extinction within decades if there are insufficient conservation efforts².

We believe that adopting the TNFD recommendations and guidance will further empower Sunway to identify, assess and address our nature-related dependencies, impacts, risks and opportunities in a holistic manner.

² World is 'on notice' as major UN report shows one million species face extinction: <https://news.un.org/en/story/2019/05/1037941>



Sunway aims to achieve Net Zero Carbon Emissions by 2050 and has prepared this Climate Report in line with the recommendations of the TCFD¹: Governance, Strategy, Risk Management, Metrics and Targets.

GOVERNANCE

Sunway complies with the requirements of Bursa Malaysia Securities Berhad's Main Market Listing Requirements and the Malaysian Code on Corporate Governance. The Group integrates sustainability into its management and daily operations, ensuring sustainability practices and ESG considerations are incorporated in all its business activities and across its value chain. The Group's sustainability is driven by the Board Sustainability Committee, which ensures that sustainability practices are embedded in its daily operations. This includes making sure that all business divisions work towards the Group's sustainability targets and inculcating a strong culture of sustainability among Sunway's employees, business partners and suppliers.

Practice 4.1

Board and management's responsibilities for the governance of sustainability

Sunway maintains a top-down approach in its sustainability governance, ensuring the tone from the top and the sustainability strategy is cascaded down to the working level. The Group's Board Sustainability Committee (BSC) has oversight of Sunway's sustainability strategies and sustainability matters. This includes overseeing climate-related risks and opportunities, and key ESG targets, performance, and progress scorecard. The BSC consists of four Directors from the Group's Board of Directors and meets at least twice a year. It is supported by the Group Sustainability Department (GS) and the Jeffrey Sachs Center on Sustainable Development (JSC). Every business division ensures there are resources set aside for sustainability initiatives. These resources are part of their annual business plans to achieve the 2030 Sustainability Goals and Targets as well as the Net Zero Carbon Emissions by 2050.

 For more information on Sustainability Governance, please refer to page 19.

Practice 4.2

Communication of sustainability strategies, priorities, targets and performance to internal and external stakeholders

The Group regularly communicates its sustainability strategies, priorities and targets, along with performance updates, to stakeholders through various platforms and channels. These channels include our annual Integrated Report and Sustainability Report, analyst and investor updates, media releases and interviews, and employee engagements such as town hall meetings, training, and development programmes, among others.

Note:

¹ The International Financial Reporting Standards (IFRS) Foundation, which oversees the ISSB, has taken over the monitoring of companies' progress on climate-related disclosures from TCFD as of October 2023.

Practice 4.3

Staying abreast with and understanding the sustainability issues relevant to the company and its business

The BSC is supported by both the GS and the JSC. The GS keeps the Group informed on sustainability and ESG-related issues relevant to Sunway and its businesses, including climate-related risks and opportunities, as well as evolving regulatory requirements. Meanwhile, the JSC acts as an advisory panel to the BSC, facilitating the Group in mitigating sustainability risks and identifying opportunities. It conducts researches and offers academic consultation to the BSC. In 2021, the JSC was appointed to conduct a Value at Risk (VaR) assessment on the Company's properties and was tasked to review the assessment in 2022. This year, the JSC was appointed to enhance the VaR assessment by conducting a refreshed flood risk modelling for Sunway Berhad properties and to quantify the financial impacts of climate change. The Group consistently boosts its Board's capability through ensuring sustainability and ESG-related training.

Practice 4.4

Performance evaluations of the board and management includes addressing company's material sustainability risks and opportunities

As part of the Group's sustainability integration, Sunway proactively incorporates sustainability elements into its Senior Management's performance evaluations and key performance indicators (KPIs), which are linked to remuneration. This encompasses linking the remuneration of senior executives to ESG performance, including climate change matters. The KPIs align with Sunway's 2030 Sustainability Goals and Targets and are integral to the performance evaluation of the Group's President, Tan Sri Dato' (Dr.) Chew Chee Kin, and Managing Director, Sarena Cheah Yean Tih, both of whom are also members of the BSC. Sustainability-related KPIs are also applicable to employees across the organisation, and their progress is monitored and reported annually.

Practice 4.5

Designated person within management to provide dedicated focus to manage sustainability strategically

Since 2017, Sunway has established a Group Sustainability Department (GS) to provide dedicated focus on managing sustainability strategically, including integrating sustainability considerations in daily operations. GS reports to Mr Ong Pang Yen, Executive Director of Chairman's Office. The department's primary responsibility is to coordinate communications of the Group's sustainability direction and initiatives between the Board of Directors and the business divisions. Additionally, it monitors the Group's sustainability performance to ensure the achievement of KPIs for the BSC, the Management Sustainability Committee (MSC) and business divisions. The department also keeps the BSC and the MSC informed about ESG developments while exploring opportunities to enable Sunway to adopt relevant and current ESG practices.

RISK MANAGEMENT

VALUE AT RISK (VaR)

In 2021, the JSC was appointed to conduct a climate Value at Risk (VaR) assessment on the Group's 74 properties to analyse Sunway's risk exposure to climate change. The assessment was reviewed the following year to ensure its relevance. As part of the assessment, the JSC categorised the VaR to low, medium and high level, as explained in the following infographic:

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)

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)

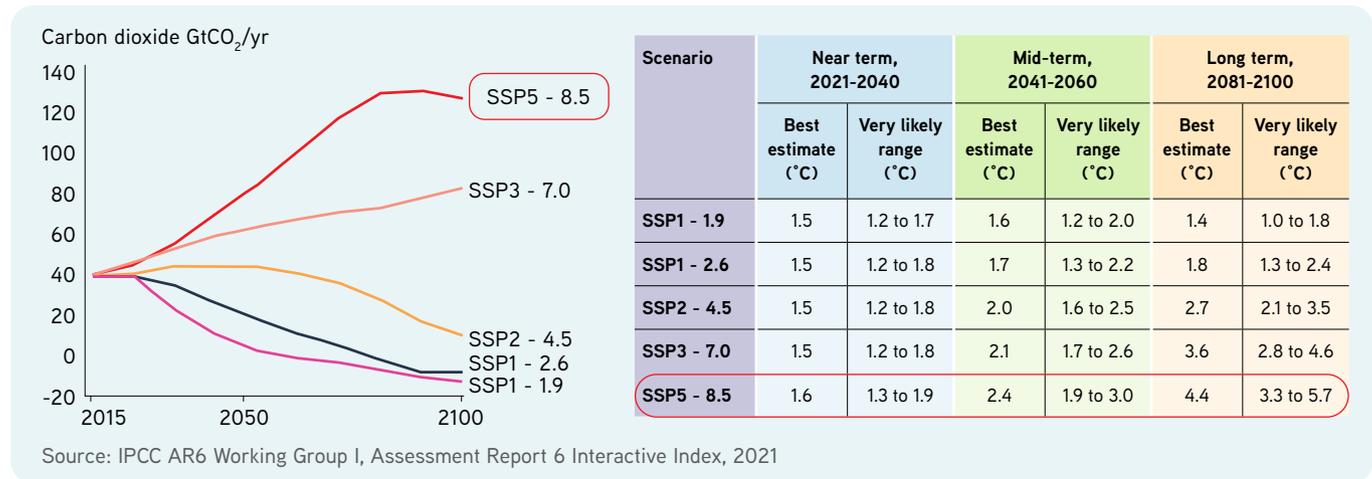
Low vulnerability to physical risks due to sea level rise or higher rain intensity



The Intergovernmental Panel on Climate Change Assessment Report 6 (IPCC AR6) Working Group I describes five scenarios, of which the worst-case scenario, SSP5 - 8.5, was used in this climate VaR assessment.

Each scenario is labelled to identify both the emissions level and the so-called Shared Socio-economic Pathway (SSP). The SSPs are based on five narratives describing broad socioeconomic trends that could shape the future of society.

- SSP1: Sustainability – Taking the Green Road (Low challenges to mitigation and adaptation)
- SSP2: Middle of the Road (Medium challenges to mitigation and adaptation)
- SSP3: Regional Rivalry – A Rocky Road (High challenges to mitigation and adaptation)
- SSP4: Inequality – A Road Divided (Low challenges to mitigation, high challenges to adaptation)
- SSP5: Fossil-fuelled Development – Taking the Highway (High challenges to mitigation, low challenges to adaptation)



In the worst-case scenario (SSP5 - 8.5), sea level rise in S.E. Asia to increase by 0.4 m to 1.1 m between 2081 and 2100¹

Period	Scenario	Median (metres)	P25 P75	P10 P90	P5 P95
Short term (2021-2040)	SSP5 - 8.5	0.1	0.1 0.1	0.0 0.2	0.0 0.2
Medium term (2041-2060)	SSP5 - 8.5	0.3	0.2 0.3	0.1 0.4	0.1 0.4
Long term (2081-2100)	SSP5 - 8.5	0.7	0.5 0.9	0.4 1.0	0.4 1.1

In the worst-case scenario (SSP5 - 8.5), maximum one-day precipitation in S.E. Asia to increase by 6.7% to 46.6% between 2081 and 2100¹

Period	Scenario	Median (%)	P25 P75	P10 P90	P5 P95
Short term (2021-2040)	SSP5 - 8.5	4.2	2.1 7.1	1.2 8.0	0.1 8.9
Medium term (2041-2060)	SSP5 - 8.5	9.0	4.5 13.9	2.6 17.5	1.8 20.3
Long term (2081-2100)	SSP5 - 8.5	22.3	9.7 35.5	7.2 45.2	6.7 46.6

Source: IPCC AR6 Working Group I Interactive Index using Coupled Model Intercomparison Project Phase 6 (CMIP 6), 2021

Note:

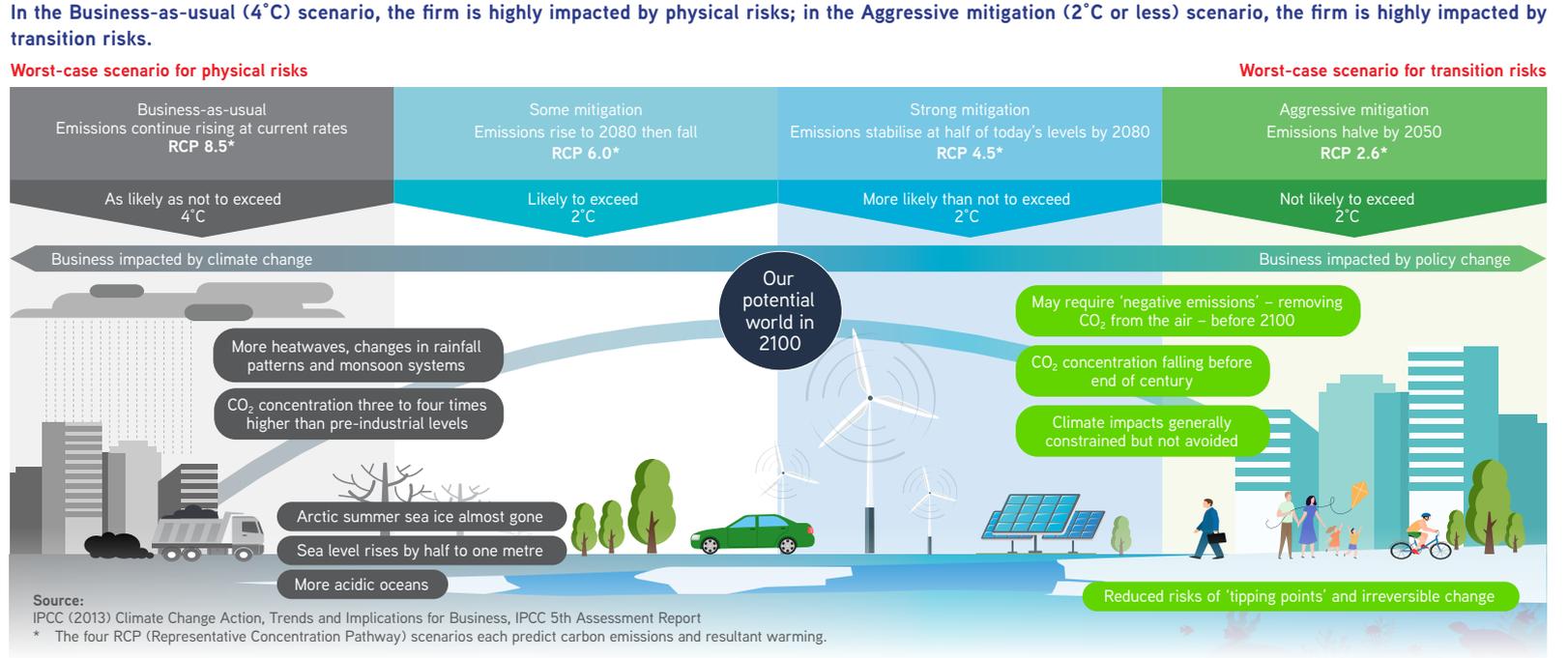
¹ Forecasted maximum one-day precipitation between 2081 and 2100 is taken for discussion as properties are assumed to have a working lifespan of around 100 years.

The VaR assessment was conducted based on the worst-case scenario as described by the IPCC Assessment Report 6 published in August 2021, which estimated that the sea-level rise in Southeast Asia will increase between 0.4 m and 1.1 m in the long term (2081-2100), and that maximum one-day precipitation will increase between 6.7% and 46.6% within the same period.

CLIMATE REPORT: NET ZERO BY 2050

RISK MANAGEMENT (CONTINUED)

The IPCC has identified four different scenarios with potential climate change outcomes and the risks that would most affect business corporations, as shown in the following infographic. Based on the findings, transition risks are most material in the 2°C or less warming scenario due to demands by stakeholders to accelerate the transition to a low-carbon economy. As for physical risks, the impacts on an organisation would be most apparent in the Business-as-usual (4°C warming) scenario due to evolution in climates.



During the assessment, the JSC evaluated the potential financial implications of climate-related physical risks and transition risks for Sunway over the short, medium and long term. This involved dividing nine of 13 Sunway business divisions into the 'Build' and the 'Own and Operate' categories based on their climate risk characteristics for a clearer comparison when discussing the transitional and physical risk.

Sunway Berhad's **'Build'** business divisions are exposed to similar risks in the property and construction production supply chain¹.

Sunway Berhad's **'Own and Operate'** business divisions are exposed to similar risks in owning and operating property assets to serve consumers.

Note:
¹ Business divisions along the property and construction production supply chain are expected to be more sensitive to production and technology-related climate risks relative to operating-type business divisions.

PHYSICAL RISKS

Physical risks refer to risks of climate events physically damaging the properties in Sunway's portfolio. The two types of material physical risks in Malaysia are:

- **Sea level rise:** Leads to more coastal and riverine floods.
- **Increased rainfall intensity:** Leads to more flash floods, water seepage into buildings and landslides.

TRANSITION RISKS

Transition risks refer to changes that an organisation is expected to face and navigate as society transitions to a low-carbon economy. Under the TCFD framework, these risks comprise the following:

- **Policy and Legal risk**
- **Technology risk**
- **Market risk**
- **Reputation risk**

Potential Financial Risks and Opportunities of Climate-related Physical Risks

Type of Physical Risk	Build		Own and Operate	
	Potential Financial Risks	Potential Financial Opportunities	Potential Financial Risks	Potential Financial Opportunities
Acute Short term (1-5 years) to long term (>11 years) ¹	<ul style="list-style-type: none"> Increasing frequency of extreme weather events (floods, heavy rain, landslides) Disruption of the production schedule Higher cost of repairs Higher insurance premiums 	<ul style="list-style-type: none"> Design and develop properties and materials that are resistant to the expected increase in frequency of acute extreme weather events 	<ul style="list-style-type: none"> Increasing frequency of extreme weather events (floods, heavy rain, landslides) Disruption of the provision of services dependent on the property asset, thus loss of revenue Higher cost of repairs Higher insurance premiums 	<ul style="list-style-type: none"> Acquire or lease properties that have low or adequately mitigated risks of acute extreme weather events
Chronic Long term (>11 years)	<ul style="list-style-type: none"> Higher mean temperatures No risk as existing chiller technology can operate even if Southeast Asian temperature increases by 3.5°C in the worst-case scenario Higher sea levels Higher development cost of coastal properties (higher floor elevation, seawater-resistant foundation) 	<ul style="list-style-type: none"> Design and develop properties and materials that are resistant to the expected increase in chronic weather effects 	<ul style="list-style-type: none"> Higher mean temperatures Higher operating cost of running chillers for longer hours Higher sea levels Increasing frequency of flood damage if building is not designed to cope with sea level rise (buffer above king tide) 	<ul style="list-style-type: none"> Acquire or lease properties that have low or adequately mitigated risks of chronic weather effects

Potential Financial Risks and Opportunities of Climate-related Transition Risks

Type of Transition Risk	Build		Own and Operate	
	Potential Financial Risks	Potential Financial Opportunities	Potential Financial Risks	Potential Financial Opportunities
Policy and Legal Medium term (6-10 years) to long term (>11 years) ²	<ul style="list-style-type: none"> Regulations mandating green products and services (green buildings, green construction products and services) will increase production costs Carbon tax will increase operating costs of high-carbon emission assets Exposure to litigation 	<ul style="list-style-type: none"> Increased demand for green products and services due to government mandate 	<ul style="list-style-type: none"> Carbon tax will increase operating costs of high-carbon emission assets Exposure to litigation 	<ul style="list-style-type: none"> Cost savings from operating efficient green buildings (reduced electricity usage, reduced water usage)
Technology Short term (1-5 years) to long term (>11 years) ³	<ul style="list-style-type: none"> R&D costs to develop green products and services (green buildings, green construction products and services) Costs to adopt low-emission technologies (hydrogen-powered heavy machinery, carbon capture and storage) Costs of holding impaired technology assets (fossil fuel-powered heavy machinery) 	<ul style="list-style-type: none"> Build intellectual capital in green technology, which can be a competitive advantage 	<ul style="list-style-type: none"> Not material 	<ul style="list-style-type: none"> Technology to retrofit more efficient systems (reduced electricity usage, reduced water usage) Recycling technologies (rainwater harvesting, recycling waste material)
Market Short term (1-5 years) to long term (>11 years) ⁴	<ul style="list-style-type: none"> Increasing consumer preferences for green products and services (green buildings, green construction products and services) Increasing cost of raw materials to produce green products and services More volatile fossil fuel prices as energy system transitions away from fossil fuels 	<ul style="list-style-type: none"> Be a market leader in providing green products and services 	<ul style="list-style-type: none"> Increasing consumer preferences for green property assets Increasing cost to own or lease green property assets 	<ul style="list-style-type: none"> Be a market leader in providing experiences in green property assets (green leases with tenants)
Reputation Short term (1-5 years) to long term (>11 years) ⁴	<ul style="list-style-type: none"> Increasing consumer preferences for companies that have green reputations Increasing stakeholder concerns about climate change (difficulty in securing government approvals, difficulty in accessing financing, increasing shareholder activism for climate action) 	<ul style="list-style-type: none"> Be a brand leader in providing green products and services 	<ul style="list-style-type: none"> Increasing consumer preferences for companies that have green reputations Increasing stakeholder concerns about climate change (difficulty in securing government approvals, difficulty in accessing financing, increasing shareholder activism for climate action) 	<ul style="list-style-type: none"> Be a brand leader in providing experiences in green property assets

Notes:

¹ Severe floods and landslides have historically been observed to affect Sunway's portfolio of property and production assets; however, they are not frequent. Moving forward, climate change will cause the frequency of these acute extreme weather events to increase.

² In Malaysia, mandatory regulations on green buildings and green construction products are not likely in the short term.

³ Climate transition technology applicable to the construction supply chain ranges from mature technology that is currently commercially available (e.g. LED lights, solar panels) to commercial technologies in the medium term (e.g. hydrogen-powered heavy machinery) to commercial technologies in the long term (e.g. carbon capture and storage).

⁴ We take the view that in Malaysia, consumers and stakeholders in society (e.g. the government, investors, NGOs) already have preferences for green products and services; however, this is still at a nascent stage and not yet comprehensively embraced.

Conclusion

JSC's VaR has concluded that Sunway's property portfolio generally does not have a high level of risk exposure in the context of worst-case climate change scenarios. The VaR assessment found that as many as 60 of the 74 properties evaluated scored low VaR while seven properties had a medium VaR score due to proximity to coasts or rivers. The remaining seven properties scored a high VaR due to their previous exposure to material climate-related damage.

74
properties assessed

7 High VaR

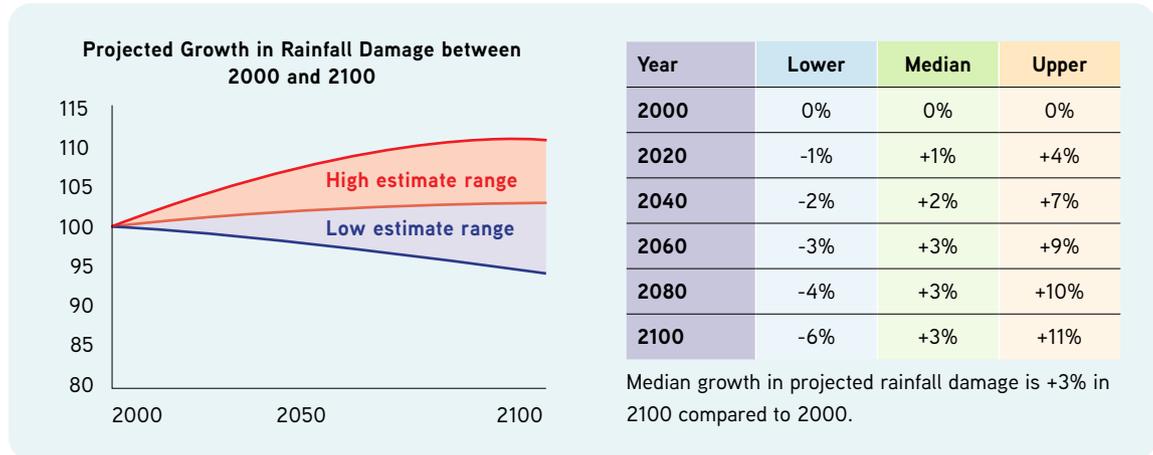
7 Medium VaR

60 Low VaR

Going forward, the Group is committed to monitoring its properties to better mitigate material climate-related physical risks such as floods, increased rainfall intensity and landslides. This will include assigning the JSC to reevaluate the property sites using new satellite topography maps for better data collection to enhance risk mitigation.

Future VaR Assessment

Absolute physical climate change in Malaysia may be generally low but the nation may be indirectly affected by the severe effects in other parts of the world. This includes disrupted supply chains for resources such as food and other intangible areas. Sunway is highly aware of the physical risks its businesses may face in the future and has conducted a VaR assessment on its properties since 2021. In 2023, the BSC appointed the JSC to enhance the VaR assessment through conducting a refreshed flood risk modelling for the Group's properties and quantify the financial impacts of climate change.



In the upcoming assessment, the JSC will reevaluate the property sites and collect data on the development of the sites. The JSC will also utilise new satellite topography maps to estimate future rainfall intensity and estimated damage. The updated risk factors will be presented and the estimated costs required to mitigate the risks identified will be determined in the assessment.

CLIMATE CHANGE AND FLOOD RISK ASSESSMENT GUIDANCE FOR NEW LAND ACQUISITION SITES

Other than conducting a VaR exercise, the Group has also taken other appropriate measures to mitigate climate change risks such as floods and landslides, which could increase the costs and reduce the long-term value creation of development projects. In Sunway Property, the business division utilises a climate change and flood risk assessment guide to mitigate climate-related risks for new land acquisition sites. It lays out the necessary criteria that guide the business division to assess the risks of a site in relation to climate change impacts such as floods. The guide clearly states that further studies and engagements should be carried out to estimate the adaptation costs to mitigate the risks for any sites that fail to meet the criteria and are deemed risky. These measures will boost the long-term value creation of the sites and consequently bolster the expected return on investment projection for new land acquisitions.

The list of criteria to be considered by the management team in assessing climate change and flood risks for new land acquisition sites includes the following:

Type of Potential Acquisition	Criteria to Be Considered Risky
Sites close to the coast (≤3 km from the coast)	Lowest site level is ≤5 m from king tide observed in the past three years
Sites close to rivers or lakes (≤1 km)	Historical flood events have been reported OR location is in a topographic depression as indicated by JSC topography map
Sites with slopes	Site has slopes with gradient degrees exceeding 25° or visible signs of slope modification
Sites with natural forest or wetlands	High biodiversity value (confirmed habitat and presence of protected or endangered species), primary forests (no recorded prior history of human clearing in past 100 years) or seaward-facing wetlands

We will continue deepening our knowledge in potential climate-related risks and opportunities besides allocating resources to mitigate material risks. We believe this will continue to drive our business growth in green and sustainable products, reinforcing our position as a leader in sustainable solutions.



STRATEGY

SUNWAY'S NET ZERO CARBON EMISSIONS BY 2050 ROADMAP

ON TRACK TOWARDS ACHIEVING 2030 TARGETS

We have set future value goals and 2030 targets to transform our portfolios to low-carbon sustainable cities.

Strategic Framework:

- Decarbonisation
- Resource management
- Pollution management

ACCELERATING DECARBONISATION

Implementation:



Internal Carbon Pricing

- Emissions avoidance (Energy efficiency improvement, waste diversion)
- Energy substitution (Renewable energy)



Engaging with stakeholders to reduce Scope 3 emissions

- Upstream - Suppliers (Sustainable procurement and supply chain practices)
- Downstream - Tenants (Green leases)

GETTING TO NET ZERO

- To achieve net zero carbon emissions by 2050, we plan to focus on carbon offset technology and have invested in a research centre for carbon dioxide capture and utilisation.
- Carbon offset is the last resort after we have maximised our resources.

Global temperature is estimated to rise between 4.0°C and 5.0°C above pre-industrial levels without any mitigation efforts.

- Supported the recommendations of the **Task Force on Climate-related Financial Disclosures (TCFD)**

- Committed to setting near-term science-based emissions reduction targets in line with **Science Based Targets initiative (SBTi)**

- Introduced the **nation's first Internal Carbon Pricing** framework

- Introduced the **Green Lease Partnership Programme**

- Submitted reports on climate change and water security to **Climate Disclosure Project (CDP)**

- **Sustainability financing** to accelerate ESG transformation

- Introduced **incentives** under the Internal Carbon Pricing framework for renewable energy and waste diversion

- Established an **embodied carbon emissions roadmap** for Building Materials and Quarry products

- Installed more than 10 MWp of **rooftop solar PV cells** as of 2023

- Launched a **black soldier fly composting site** to tackle food waste

Implementation:



Carbon capture and storage



Investment in large-scale renewable energy

By 2030, we will reduce our residual emissions by

45%

Global warming is limited to 1.5°C with mitigation efforts, in line with the Paris Agreement goal.

— Net zero pathway
 - - - Business-as-usual

2010 2021 2022 2023 2030 2050

METRICS AND TARGETS

In 2023, we continued to monitor our carbon emissions closely based on Scope 1, 2 and 3, using best emissions reporting practices. We utilise the relevant emission factors from the Malaysian Green Technology and Climate Change Centre (MGTC) and the United Kingdom’s Department for Environment, Food and Rural Affairs (DEFRA).

Our carbon emissions were calculated in accordance with the GHG Protocol, a globally recognised corporate accounting and reporting standard. The protocol is currently deemed best practice for corporate or organisational emissions reporting. Furthermore, we adhere to the control approach for carbon accounting, as outlined by the GHG Protocol, ensuring that we account for 100% of the GHG emissions from operations within our control.

While we currently focus on reducing Scope 1 and 2 emissions, which are within our direct control, we also strive to measure the Scope 3 emissions by tracking the embodied carbon of our value chain. To this end, we recognise the pertinent role of our suppliers, tenants and customers in reducing our carbon footprint and persist in educating and collaborating with them.

Prior to Bursa Malaysia’s enhanced sustainability reporting requirements, we have begun developing an internal data collection platform to consolidate information from various business divisions to ensure data completeness and accuracy.

We have restated our Scope 1, 2 and 3 emissions data from 2019 onwards due to improved data collection and the recategorisation of our GHG inventory.

For more information on Restatements, please refer to page 162.

To this end, we have disclosed Scope 1 and 2 emissions, and five of the 15 categories of the Scope 3 GHG emissions which are relevant to our business. We will strive to progressively increase the Scope 3 emissions coverage, and subsequently set a science-based reduction target. In the upcoming years, we are looking into disclosing the emissions from upstream as well as downstream transportation and distribution of our products.

**SCOPE 1
DIRECT EMISSIONS**

Direct emissions that occur from sources owned or controlled by Sunway Berhad

 **Company vehicles**

 **Company facilities**

**SCOPE 2
INDIRECT EMISSIONS**

Indirect emissions from purchased electricity (landlord’s portion) by Sunway Berhad

 **Purchased electricity**

**SCOPE 3
INDIRECT EMISSIONS**

All other indirect emissions from upstream and downstream activities by Sunway Berhad

 **Category 1:
Purchased goods and services**
(toilet paper, photocopier paper and plastic bottles)

 **Category 5:
Waste generated in operations**

 **Category 6:
Business travel**

 **Category 7:
Employee commuting**

 **Category 13:
Downstream leased assets**
(tenants and subcontractors’ energy consumption)

Calculation methodology

Average data

- Collecting data on the weight of purchased goods and multiplying by the relevant secondary emission factors
- Collecting data on the weight of waste generated by type and multiplying by the relevant secondary emission factors

Distance-based

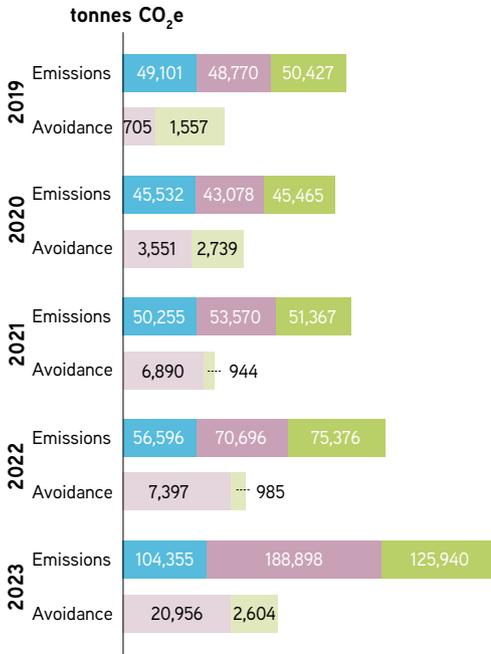
- Determining the transportation mode and distance travelled for business trips from company claims and petrol cards and multiplying by the relevant secondary emission factors
- Determining the transportation mode and distance from home to the workplace through an annual survey and multiplying by the relevant secondary emission factors

Asset-specific

- Collecting energy data from individually leased tenant and subcontractor spaces and multiplying by the relevant secondary emission factor

TOTAL CO₂e EMISSIONS AND CO₂e EMISSIONS AVOIDANCE

● Scope 1 ● Scope 2 ● Scope 3

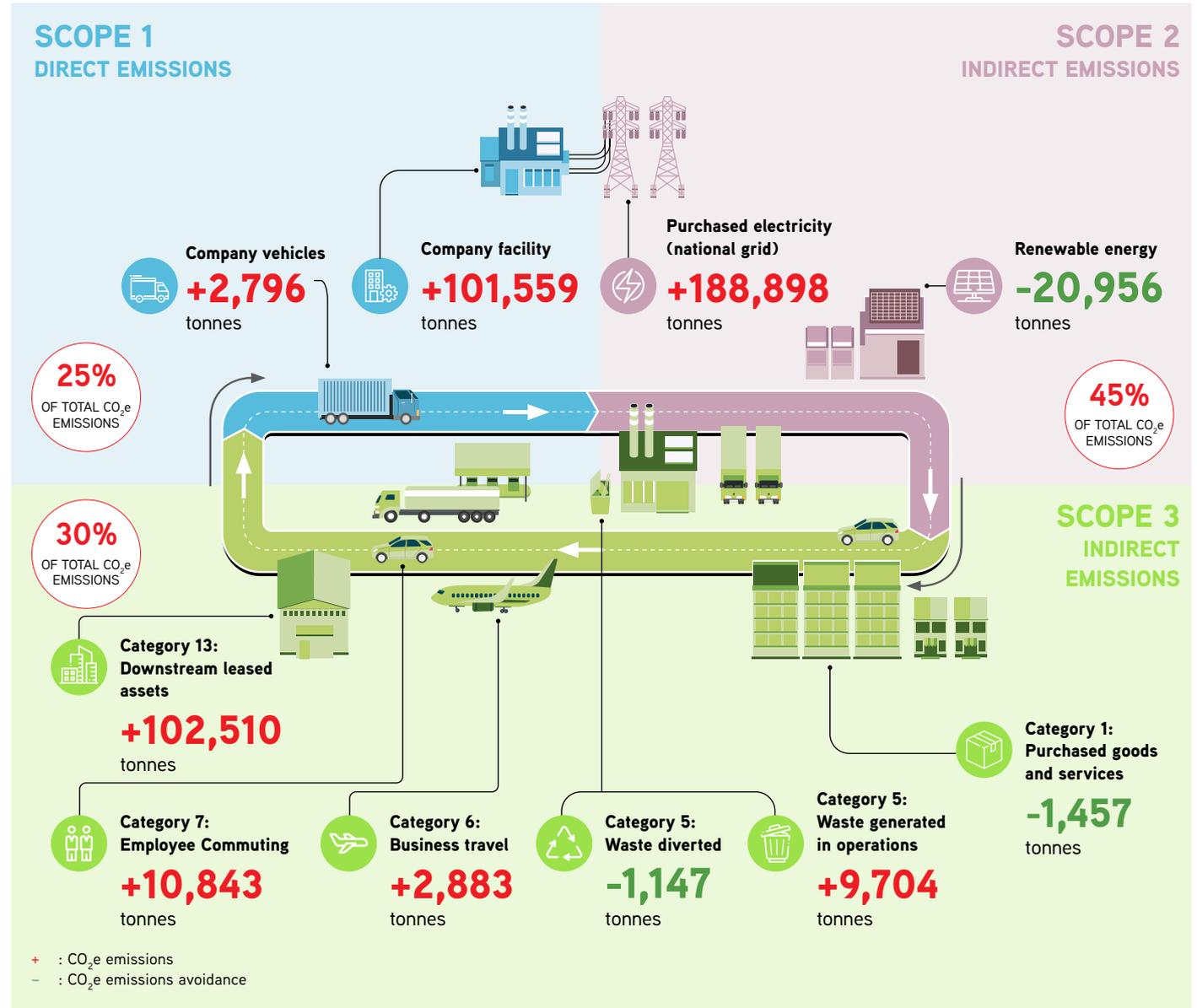


Note:
The spike in Scope 1 emissions from 2022 to 2023 is due to the expansion of liquefied petroleum gas data from the Retail and Hospitality divisions. The spike in Scope 2 and 3 emissions from 2022 to 2023 can be attributed to the overall increase in energy consumption. The boundaries for Scope 2 and 3 has also been redefined in a more accurate way in 2023 so that landlord energy consumption falls under Scope 2 while tenant energy consumption falls under Scope 3.

Carbon sequestered from 272,315 trees¹ planted in Sunway townships
-5,719 tonnes of CO₂e emissions

Note:
¹ One tree absorbs approximately 21 kg of CO₂e.

TOTAL CO₂e EMISSIONS AND CO₂e EMISSIONS AVOIDANCE IN 2023 (SCOPE 1, 2 AND 3)



EMISSIONS REDUCTION TARGETS

Sunway is focused on intensifying efforts to reduce residual emissions up to 2030 and beyond by improving efficiency and switching to cleaner energy. Our managed assets and industrial sites should continue to stay below the targets set, which will reduce by 3.5% to 4%, respectively, on an annual basis up to 2030 to align with the IPCC target of 45% reduction in carbon emissions by 2030. We pledged to set Science-Based Targets initiative (SBTi) targets in 2022 and will progress to enhance completeness of data for target validation by SBTi.

We have set energy intensity targets for our managed assets, which includes the building's consumption from purchased electricity and renewable energy, to improve energy efficiency. Our energy intensity targets baseline are benchmarked against industry guidelines such as the Green Building Index (GBI) and Singapore's Building and Construction Authority (BCA) Benchmarking Report. Meanwhile, we have also set emissions intensity targets which includes Scope 1, 2 and 3* emissions. The emissions intensity performance has excluded the energy consumption from renewable energy as we progress towards cleaner energy.

Upon further review and reference to updated benchmarking reports, we have revised the energy intensity targets for Education and Hospitality divisions beginning 2024 onwards. Their respective 2023 intensity performance is based on the updated benchmark methodology.

 For more information on the revision of the intensity targets, please refer to page 162.

Energy Intensity Targets

Business Division	Unit	Target									Performance	
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2023	
Office	kWh/m ²	150	144	138	133	127	122	117	113	108	130	
Retail		350	336	323	310	297	285	274	263	252	269	
Hospitality		290	278	231	222	213	205	197	189	181	211	
Healthcare		342	328	315	303	290	279	268	257	247	310	
Education - Universities		314	301	180	172	165	159	152	146	141	159	
Education - Private Colleges/Private Schools				94	90	87	83	80	77	74	77	
Student Residence		104	100	96	92	88	85	81	78	75	85	
Leisure		kWh/person	7.02	6.78	6.54	6.31	6.09	5.88	5.67	5.47	5.28	7.22

Emissions Intensity Targets

Business Division	Unit	Target									Performance	
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2023	
Office	tonnes CO ₂ e/m ²	0.146	0.141	0.135	0.130	0.124	0.119	0.115	0.110	0.106	0.106	
Retail		0.297	0.286	0.274	0.263	0.253	0.243	0.233	0.224	0.215	0.207	
Hospitality		0.254	0.244	0.233	0.223	0.214	0.206	0.198	0.190	0.182	0.163	
Healthcare		0.255	0.245	0.235	0.226	0.217	0.208	0.200	0.192	0.184	0.234	
Education - Universities		0.413	0.138	0.131	0.125	0.120	0.116	0.111	0.107	0.102	0.117	
Education - Private Colleges/Private Schools				0.068	0.066	0.063	0.061	0.058	0.056	0.054	0.052	
Student Residence		0.130	0.125	0.120	0.115	0.111	0.106	0.102	0.098	0.094	0.064	
Leisure		tonnes CO ₂ e/person	0.0053	0.0051	0.0050	0.0048	0.0046	0.0045	0.0043	0.0041	0.0040	0.0058
Building Materials		Sunway Paving Solutions	1.92	1.85	1.79	1.73	1.67	1.61	1.55	1.50	1.44	1.37
	Sunway Spun Pile	0.0160	0.0154	0.0149	0.0143	0.0138	0.0134	0.0129	0.0124	0.0120	0.0099	
	Sunway VCP	0.80	0.77	0.74	0.72	0.69	0.67	0.64	0.62	0.60	0.57	
Quarry	Premix Products	0.049	0.047	0.044	0.043	0.041	0.040	0.038	0.037	0.036	0.027	
	Quarry Products	0.00191	0.00184	0.00178	0.00172	0.00166	0.00160	0.00154	0.00149	0.00144	0.00160	

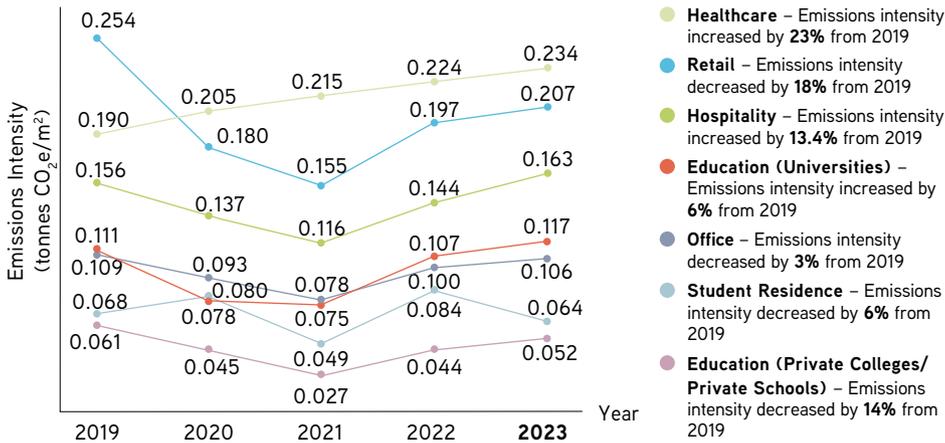
Note:

* Scope 1 emissions only consist of emissions from company vehicles. Scope 3 emissions only consist of emissions from tenants' and subcontractors' energy consumption which are categorised under Category 13: Downstream Leased Assets.

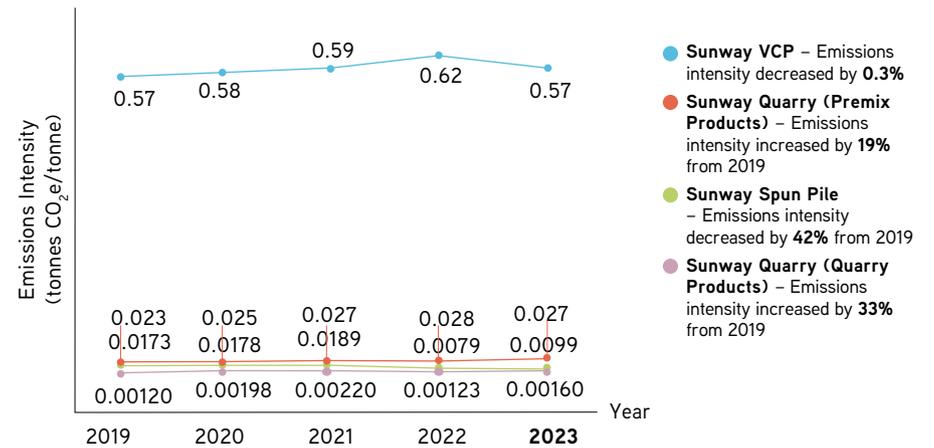
EMISSIONS INTENSITY PERFORMANCE

In 2023, the emissions intensity for Healthcare, Hospitality, Education (Universities) and Sunway Quarry divisions showed an upward trend compared to 2019. The increase in the emissions intensity may be due to the growth and expansion of our businesses to meet customer demands. Overall, the majority of our business divisions were able to meet the emissions intensity targets set for 2023 except for the Leisure division. The division had a sum of money deducted from its bonus pool based on its shortfall in meeting its emissions intensity target, as part of the Internal Carbon Pricing framework.

MANAGED ASSETS: SCOPE 1, 2 AND 3 EMISSIONS INTENSITY (tonnes CO₂e/m²)

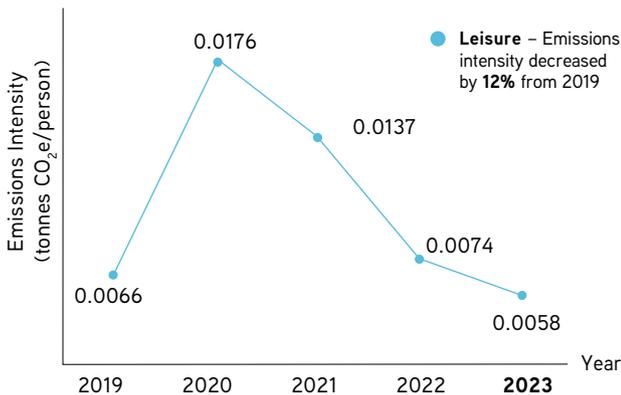


INDUSTRIAL SITES: SCOPE 1, 2 AND 3 EMISSIONS INTENSITY (tonnes CO₂e/tonne)

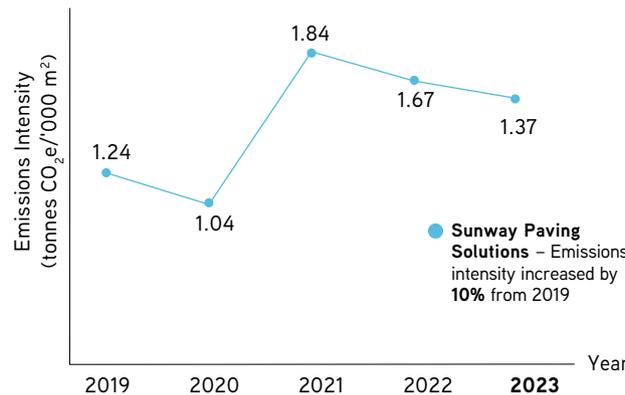


Note: Scope 3 emissions only consist of emissions from tenants' and subcontractors' energy consumption which are categorised under Category 13: Downstream Leased Assets.

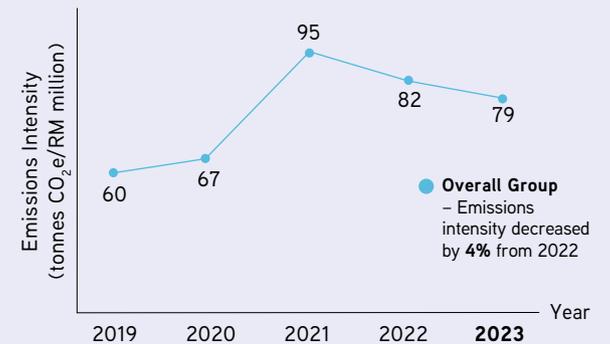
MANAGED ASSETS: SCOPE 1 AND 2 EMISSIONS INTENSITY (tonnes CO₂e/person)



INDUSTRIAL SITES: SCOPE 1 AND 2 EMISSIONS INTENSITY (tonnes CO₂e/1000 m²)



OVERALL GROUP: SCOPE 1, 2 AND 3 EMISSIONS INTENSITY (tonnes CO₂e/RM million)



Note: The Scope 1 emissions boundary for 2023 is maintained from 2022. Scope 3 emissions only consist of emissions from tenants' and subcontractors' energy consumption.



SUNWAY CITIES' PORTFOLIO

GRI 203-1, 203-2, 304-1, 304-2, 304-3

INDIRECT ECONOMIC EFFECTS

Attracting multinational corporations and various tenants to set up offices | Indirect benefits through job creation | Vibrant community

SUNWAY CITY KUALA LUMPUR

Inception date
1986

Inception size
800 acres

Classification
Brownfield

PEDESTRIAN INFRASTRUCTURE

- 100% walkable with elevated walkways and underground connectivity

LOW-CARBON EMISSIONS VEHICLE SUPPORT

- Electric vehicle parking bays are provided at Sunway Pyramid Mall, Sunway Pinnacle and Sunway Medical Centre at Sunway City Kuala Lumpur

40%	Greenscapes & bluescapes	31,179	Native plants
22	Bird species	142,291	Adaptive plants

SUNWAY CITY IPOH

Inception date
1995

Inception size
1,346 acres

Classification
Greenfield

PEDESTRIAN INFRASTRUCTURE

- 100% walkable

55%	Greenscapes & bluescapes ¹	20 acres	Sunway Organic Farm ²
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¹ Preserved in the form of natural mountains, lakes, geothermal hot springs and landscaped buffer zones next to hills

² Types of fruits and vegetables: durian, rambutan, okra, water spinach, corn, choy sum, cucumber, purple spinach

SUNWAY CITY ISKANDAR PUTERI

Inception date
2012

Inception size
1,800 acres

Classification
Greenfield

LOW-CARBON EMISSIONS VEHICLE SUPPORT

- Electric vehicle parking bays are provided at Sunway Big Box Retail Park, Sunway Citrine Hub, Sunway GRID Residence and X Park Sunway Iskandar.

40%	Green & open spaces	>534,000	Trees and shrubs planted
30	Species of birds and mammals	11	Family species of mangrove trees



TOWNSHIP AWARDS & RECOGNITIONS COMPACT & INTEGRATED DEVELOPMENT SAFE CITY CONCEPT

- FIABCI Malaysia Property Award 2023 - Residential High Rise Category (Sunway GEOLake Residences)
- Diamond recognition from the Subang Jaya City Council (MBSJ) at the 2021 Low Carbon City Awards
- Top 10 Green Buildings of the Decade Awards at the Malaysia Green Building Council's (MGBC) 10th Anniversary in 2019
- Malaysia Institute of Planners Low Carbon City Award in 2017
- Top Smart City Initiative (Asia Pacific) under the Smart Buildings category at the IDC Smart City Asia Pacific Awards (SCAPA) in 2017
- Best township with 'The Five Elements Development' Award at the StarProperty.my Awards in 2016
- Malaysia's first Green Building Index (GBI)-certified township; achieved Silver rating in 2012

RESIDENTIAL	COMMERCIAL
EDUCATION	HOSPITALITY
RETAIL	HEALTHCARE
LEISURE	TRANSIT-ORIENTED DEVELOPMENT

- Free WiFi throughout the township
- Convenient access (within 0.5 km) to public transportation, including Sunway City Kuala Lumpur shuttle bus and Bus Rapid Transit (BRT) - Sunway Line (RM123 million investment by Sunway)
- MyRapid Park 'N' Ride parking facility (Kompleks BRT Sunway)

More than 10,000 CCTVs	14 patrol cars
4 tourist police officers	No-smoking zones
Integrated with Crime Prevention Through Environmental Design (CPTED)	Close to 900 auxiliary and plainclothes police and security guards
New escalators were installed with additional brakes, in accordance with British Standard EN 115. Regular inspections are conducted on all escalators and travelators.	



- World Gold Winner in the Resort Category at the FIABCI Prix d'Excellence Award 2015 (Lost World of Tambun)
- The Edge-PAM Green Excellence Award 2014
- FIABCI Malaysia Property Award in 2014 (Lost World of Tambun)
- Mayor's Landscape Award by the Mayor of Ipoh in 2013
- FIABCI World Prix d'Excellence Award in 2012 under the Resort Development Category (The Banjaran Hotsprings Retreat)
- FIABCI Malaysia Property Award for the Best Master Plan Township in 2010

RESIDENTIAL	COMMERCIAL
EDUCATION	HOSPITALITY
RETAIL (Future Development)	HEALTHCARE (Future Development)
LEISURE	TRANSIT-ORIENTED DEVELOPMENT

510 CCTVs	Patrol cars
Auxiliary police	No-smoking zones
Integrated with Crime Prevention Through Environmental Design (CPTED)	



- Best Recreational Park under Jom Hijau Landscape Competition 2023 by Majlis Bandaraya Iskandar Puteri
- FIABCI Malaysia Property Award 2023 (Sunway City Iskandar Puteri) - Masterplan Category
- Sunway Emerald Residence won Gold for The Edge Best Managed & Sustainable Property Award 2023 under the Below 10 Years Multiple-Owned Strata Residential category
- Green Accord Initiative Award (GAIA) 2021/2022 for green townships (Sunway City Iskandar Puteri) and characterising model green commercial & industrial buildings (Sunway GRID)
- The Earth Conscious Award at the StarProperty Awards 2021
- Special Awards for Sustainable Development Goals and Best Green Product & Technology at the Malaysia Green Building Council's Leadership in Sustainability Awards in 2020
- Green Building Index (GBI)-certified township; achieved Silver rating in 2019

RESIDENTIAL	COMMERCIAL
EDUCATION	HOSPITALITY
RETAIL	HEALTHCARE (Future Development)
LEISURE	TRANSIT-ORIENTED DEVELOPMENT
	FREE COMMERCIAL ZONE

More than 1,000 CCTVs	2 patrol cars 2 bicycles	2 patrol bikes 3 NineBots
27 auxiliary police personnel	No-smoking zones	
Integrated with Crime Prevention Through Environmental Design (CPTED)		
New escalators were installed with additional brakes, in accordance with British Standard EN 115. Regular inspections are conducted on all escalators and travelators.		



SUNWAY CITY ISKANDAR PUTERI NATURE'S CAPITAL CITY



Written by:
Kojii Chuah
Sunway Group
Brand Marketing &
Communications



Contributed by:
Zarith Fahteha
Sunway City Iskandar Puteri

Nestled within nature's tranquil embrace across a 1,800-acre site at the southern tip of Peninsular Malaysia, Sunway City Iskandar Puteri is one of the largest developments in Southeast Asia, and Sunway's largest integrated township to date.

With the construction of a Rapid Transit System link across the Straits of Johor well underway, and the proposed establishment of a Johor-Singapore Special Economic Zone being fast-tracked, Sunway City Iskandar Puteri – just a five-minute drive away from the Second Link to Singapore – is poised to be the centrepiece of Malaysia's southern development corridor.

The city comprises a full range of services across education, hospitality, entertainment, retail, commercial and residential components, among others, and will be home to a community of more than 125,000 residents when fully completed.

A TOWNSHIP MASTER-PLANNED IN HARMONY WITH NATURE

Envisioned as Nature's Capital City, Sunway City Iskandar Puteri is the only green-certified township in Johor, attaining a Green Building Index Silver certification.



Please scan the QR code to read more about Sunway City Iskandar Puteri: Nature's Capital City.



Sunway City Iskandar Puteri is poised to be the centrepiece of Malaysia's southern development corridor.



Over 40% of the township comprises green and open spaces, and **more than 255,000 trees have been registered under the 100 Million Trees Planting 2021–2025 Campaign** since it was launched by the Ministry of Natural Resources and Environmental Sustainability of Malaysia.

Trees registered under this campaign are among the over half a million trees and shrubs which have been planted across the township.

In addition, mangroves spanning a 50-metre buffer on all sides of the seven-kilometre Pendas River help slow down tidal waters, stabilise the coastline and minimise soil erosion from storms and rising waves.

Another sustainability initiative at Sunway is the preservation of a 10-storey tall cotton tree dubbed "The Tree of Life" that stands in the centre of Sunway Lenang Heights at Taman Molek.

With ties to the surrounding communities that stretch back 100 years, the 55-tonne tree was preserved while clearing the land and transplanted to its current location.

At Sunway Emerald Lake, residents and tourists alike can also enjoy rounds of throwing effective microorganism-mudballs comprising lactic acid bacteria, yeast ferment organic matter and photosynthetic bacteria into the lake. These organic components accelerate sludge decomposition, help prevent bad odour and increase the quality of the lake's water.

Sunway City Iskandar Puteri in Johor – a 1,800-acre integrated township designed with nature in mind and centred around conservation of a mangrove ecosystem

STRATEGIC RESOURCE AND WASTE MANAGEMENT

Besides solar panels atop Sunway Big Box Retail Park and Sunway International School Iskandar Puteri, the electric vehicle charging stations at Sunway Big Box Retail Park, Sunway Citrine Hub, Sunway GRID Residence and X Park Sunway Iskandar provide a convenient charging infrastructure for electric vehicle owners.

Effective waste management is another way responsible consumption and production is promoted within the township, with food waste being composted using black soldier fly larvae and through landscape composting.

The township allocates waste recycling stations at its development and also houses a recyclable waste drop-off station endorsed by the Iskandar Puteri City Council, which has accumulated over 155,000 kg of recyclables.

WHAT'S NEXT FOR SUNWAY CITY ISKANDAR PUTERI?

Several new developments in the pipeline will further elevate the city's appeal as a world-class township with a wide range of exciting features and amenities.

These include plans to establish a state-of-the-art medical centre to meet the rapidly growing healthcare needs of the community and neighbouring areas, a five-star Banjaran resort and a 4.5-kilometre multi-purpose circuit spanning 100 acres that will establish Sunway City Iskandar Puteri as the hub of motoring tourism in the region.

The township will also be welcoming a carbon-neutral Free Commercial Zone development named EqualBase Sunway 103°, comprising warehouse and logistic facilities catering to myriad industries.

Equalbase Sunway 103° will equip this integrated warehouse complex with rooftop solar panels and strive to attain the highest green certifications, such as GreenRE and Malaysia's Green Building Index rating, as part of its sustainability commitment.

With a gross development value (GDV) amounting to more than RM8 billion, this development is set to create at least 13,000 job opportunities for the people of Johor and serve as a leading distribution hub for the ASEAN region.

The 10-storey tall and **100-year-old** "Tree of Life" at Sunway Lenang Heights marks Sunway's commitment to preserving life throughout its development projects.



ADAPTING TO CLIMATE CHANGE

GRI 3-3, 203-1, 203-2, 304-1, 304-2, 304-3

Urban living is poised to become inevitable in the future, with the percentage of the urban population projected to increase from 56% in 2022 to 66% by 2050, according to the UN. While a higher urban population may signify robust economic growth and prosperity, this megatrend is also anticipated to bring challenges such as overcrowding, pollution and a higher cost of living.

At Sunway, we acknowledge the megatrend of urban population and its challenges, as we strive to create a harmonised future for all. We recognise the need to mitigate social and economic challenges such as the effects of climate change and brain drain. As such, we are committed to building sustainable townships and adapting to climate change to contribute to a resilient and thriving community.

GREENING OUR CITIES AND TOWNSHIPS

Sunway Berhad is committed to ensuring all new buildings and townships that are developed from 2025 onwards to be green-certified, reducing the overall negative impact of the built environment on their surroundings. The Group also monitors and reviews the green certification of existing buildings and townships where an opportunity arises. Where biodiversity is concerned, The Group aims to be a catalyst for other developments in the region to reduce the overall impact of the built environment on their surroundings, by focusing on preservation, conservation, restoration and rehabilitation.

We have established policies to ensure that the diverse needs of the community are met, while minimising the developments' impacts on the environment and society by regenerating the areas surrounding the built environment.

Principles of Conduct

GREEN TOWNSHIP POLICY

- Integration of sustainable practices in development, operations and management, which begins during the conceptualisation process and extends to the design, construction, operation and maintenance of buildings and infrastructure
- Design and produce built environment that facilitates healthy lifestyles and emphasises on the well-being of the community

 Sunway Berhad Green Township Policy:
<https://www.sunway.com.my/wp-content/uploads/2023/04/Sunway-Berhad-Green-Township-Policy.pdf>

GREEN BUILDING POLICY

- Integration of sustainable practices in development, operations and management, which begins during the conceptualisation process and extends to the design, construction, operation and maintenance of buildings
- Design and produce built environment that facilitates healthy lifestyles and emphasises on the well-being of the stakeholders

 Sunway Berhad Green Building Policy:
<https://www.sunway.com.my/wp-content/uploads/2022/04/Sunway-Berhad-Green-Building-Policy-4Apr2022.pdf>

BIODIVERSITY POLICY

- Comply with all relevant environmental legislation and obligations imposed by governments or regulators
- Integrate biodiversity considerations in internal strategic and decision-making processes of the Group, as well as in the analysis, management and reporting of long-term risks
- Apply the principle of mitigation hierarchy (avoid, minimise, restore and compensate as a last resort) in negative impacts, for all phases of our businesses/projects
- Avoid or reduce deforestation associated with our activities and supply chain
- Maintain natural water bodies to serve as retention ponds to mitigate flooding and enable aquatic creatures to thrive

 Sunway Berhad Biodiversity Policy:
www.sunway.com.my/wp-content/uploads/2023/01/Sunway-Berhad-Biodiversity-Policy-4Jan2023.pdf

BUILDING RESILIENT CITIES

Our key strides towards green buildings and townships, and reducing negative impacts to the ecology and biodiversity in areas we operate include, but are not limited to, establishing standard operating procedures for:

BIODIVERSITY CONSERVATION

Optimising land use, conserving green areas, reducing impact on the environment, protecting natural hydrological systems and water bodies, and reducing water pollutants

SOCIAL COHESION AND COMMUNITY PLANNING

Provision of inclusive facilities within walking distance, robust security system, facilities for the disabled and an extensive range of facilities to support the communities' educational, social and economic needs

ENERGY EFFICIENCY

Utilisation of renewable energy, energy-efficient technologies and efficient management of energy usage in buildings and facilities

WATER MANAGEMENT

Utilisation of water-efficient fixtures and efficient management of water usage in buildings and facilities

ENVIRONMENTAL PROTECTION

Encourage and promote the use of sustainable building materials to reduce demand for virgin materials and reduce waste

OTHER GREEN FEATURES

Incorporate any other green features that will enable particularly environmental data in the building to be recorded, tracked and monitored for performance improvement

TRANSPORTATION AND CONNECTIVITY

Providing pedestrian walkways to reduce the use of vehicles and promoting well-connected internal and external roads and linkages, as well as sustainable public transportation facilities

BUSINESS AND INNOVATION

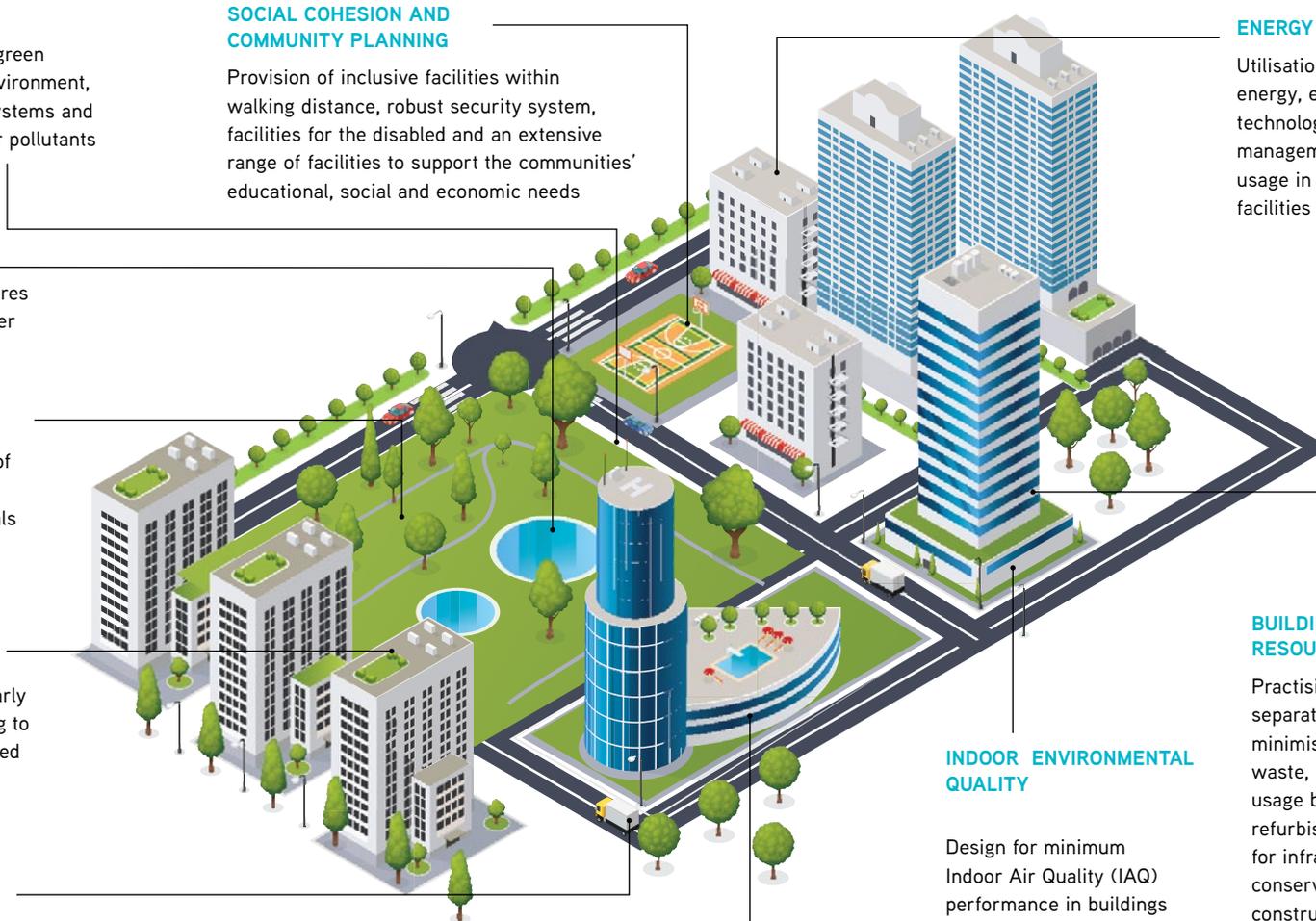
Generating opportunities and collaborations for businesses in the public-private sector and promoting the use of innovative and sustainable solutions to reduce carbon emissions

INDOOR ENVIRONMENTAL QUALITY

Design for minimum Indoor Air Quality (IAQ) performance in buildings to ensure comfort and well-being of building occupants

BUILDINGS AND RESOURCES

Practising waste separation at source, minimising construction waste, reducing material usage by recycling and refurbishing materials for infrastructure works, conserving resources in construction and reducing site sedimentation and pollution





ADAPTING TO CLIMATE CHANGE



Certified Green Townships and Buildings

We continue to enhance and upgrade our townships and buildings by incorporating sustainability practices and elements into our development to build more sustainable cities. We are pleased to report that as of 2023, two of our townships and 41 buildings attained green certifications.

CENTRAL

Type	Property	Green Certification	
Township	Sunway City Kuala Lumpur	GBI - Silver (Provisional Cert)	
Residential (Built)	Sunway Nexis - SOHO	GreenMark - Gold (Provisional Cert)	
	Sunway Rymba Hills	GreenMark - Gold (Provisional Cert)	
	Sunway SPK 3 Harmoni	GreenMark - Gold (Provisional Cert)	
	Sunway Palazzo	GreenMark - Gold	
	Sunway GEOLake Residence	GreenRE - Gold	
	Sunway Velocity Two - Plot A (Tower A & B)	GreenRE - Gold (Provisional Cert)	
	Sunway Serene	GreenRE - Gold (Provisional Cert)	
Residential (New or Upcoming)	Sunway Flora, Bukit Jalil	GreenRE - Platinum (Provisional Cert)	
	Sunway Velocity Two - Plot B (Tower C & D)	GreenRE - Gold (Provisional Cert)	
	Sunway Avila	GreenRE - Gold (Provisional Cert)	
	Sunway Belfield	GreenRE - Platinum (Provisional Cert)	
	Sunway D'Hill	GreenRE - Gold (Provisional Cert)	
	Sunway Alishan	GreenRE - Gold (Provisional Cert)	
	Sunway Artessa	GreenRE - Gold (Provisional Cert)	
Non-Residential (Existing)	Sunway Jernih Residence	GreenRE - Bronze (Provisional Cert)	
	Sunway Geo Tower	GreenRE - Bronze	
	Sunway Vivaldi - Clubhouse	GreenMark - Certified (Provisional Cert)	
	Sunway Lagoon Hotel	GreenMark - Gold (Provisional Cert)	
		GBI - Certified (Design Assessment)	
	Sunway Pinnacle	GBI - Certified (CVA Cert)	
	Non-Residential (New or Upcoming)	Sunway Square - Office Tower 1	LEED - Gold
		Sunway Square - Office Tower 2	GreenRE - Platinum (Provisional Cert) LEED - Gold
		Sunway Square - Retail and Cinema	GreenRE - Platinum (Provisional Cert)
		Sunway Medical Centre Velocity (Phase 2)	GreenRE - Silver (Provisional Cert)
Sunway Square - Sunway University and Performing Arts Centre		GreenRE - Gold (Provisional Cert)	
Sunway Enterprise Park (Phase 2)		GreenRE - Silver (Provisional Cert)	

SOUTHERN

Type	Property	Green Certification
Township	Sunway City Iskandar Puteri	GBI - Silver (Provisional Cert)
Residential (New or Upcoming)	Sunway GRID Residence	GreenRE - Gold
	Sunway Lenang Heights	GreenRE - Silver (Provisional Cert)
Non-Residential (Existing)	Sunway Citrine Hub	GreenRE - Bronze (Provisional Cert)
	Sunway Southern Region Office	GBI - Certified (CVA Cert)
Non-Residential (New or Upcoming)	Sunway Big Box Retail Park	GreenRE - Bronze (Provisional Cert)
	Sunway Grid Hub	GreenRE - Silver (Provisional Cert)
	SJK (C) Cheah Fah	GreenRE - Platinum (Provisional Cert)

NORTHERN

Type	Property	Green Certification
Residential (Built)	Sunway MontBleu (Ipoh)	GreenMark - Gold (Provisional Cert)
Residential (New or Upcoming)	Sunway Onsen Suites	GreenRE - Gold (Provisional Cert)
	Sunway Dora	GreenRE - Bronze (Provisional Cert)
Non-Residential (Existing)	Sunway Property @ Anson Road	GBI - Gold (Provisional Cert)
	Sunway Carnival Mall (Expansion)	GreenMark - Gold Plus (Provisional Cert) GreenRE - Gold (Provisional Cert)

Note:
CVA refers to Completion and Verification Assessment.

INTEGRATED URBAN REGENERATION

To deliver on our commitment to building sustainable cities, we adopt urban regeneration by developing integrated townships and upgrading existing developments with integrated public transportation systems to enhance accessibility. This approach enables us to revitalise underused assets and redistribute economic opportunities, improving urban prosperity and quality of life via urban regeneration. Our initiatives make it possible for communities to adapt to urban living, as we strive to contribute to a thriving, sustainable society. Among our most notable urban regeneration projects are Sunway Velocity and Sunway Putra.

Advancing an Integrated Development

Located along Jalan Peel in Cheras, Kuala Lumpur, Sunway Velocity is a prime example of urban regeneration. The vibrant retail centre breathed new life into the township after transforming the former squatter area with car workshops and small businesses. Consisting of a shopping mall, the four-star Sunway Velocity Hotel and Sunway Medical Centre Velocity, Sunway Velocity also houses retail shops, offices and residences.

Sunway Velocity is developed by Sunway Group and managed by Sunway Velocity Mall Sdn Bhd. The management is assisted by capable teams led by Sunway Malls' Centre of Excellence and Sunway Property and Facility Management. Spanning across one million sq. ft. of net rental area with seven levels inside the mall, five precincts and 4,800 parking bays, the mall, officially opened in 2016, attracts over 1.3 million visitors every month.

As part of the expansion, we have begun constructing Sunway Velocity Two on an 8.4-acre plot of land across the mall and the development is projected to be completed over the next 10 years. With an estimated gross development value of RM2 billion, the new development will include four residential towers, office blocks and retail units.



Accessibility:

- Connected to public transportation through three MRT and two LRT stations
- Accessible via major highways



Malaysia Digital Status:

Sunway Velocity and Sunway Velocity TWO have obtained Malaysia Digital Status (formerly known as MSC status), securing their positioning as the first cyber city in Cheras, Kuala Lumpur



Award-Winning Recognition:

- The EdgeProp Malaysia's Best Managed & Sustainable Property Award 2021
- Below 10 Years, Retail Category **Gold**
- The EdgeProp Malaysia's Best Managed & Sustainable Property Award 2023
- Below 10 Years, Mixed Development **Bronze**

Reviving Legacy with a Modern Resurgence

Nestled in the Diamond Triangle of Kuala Lumpur, just opposite the Putra World Trade Centre, Sunway's development - Sunway Putra Tower, Sunway Putra Mall and Sunway Putra Hotel - is a true example of an integrated urban regeneration.

Having spanned over three decades, the three structures have undergone extensive renovations, marking a significant chapter in their history. In the 2010s, they were reintroduced as part of Sunway's integrated development in the heart of Kuala Lumpur, aimed at revitalising the local community in the iconic part of the city. The interconnected buildings are strategically positioned side by side, complementing each other, as the office population contribute to footfall in the shopping mall.

Both the mall and the hotel have undergone extensive refurbishments to better serve the evolving needs of the current urban community. For instance, Sunway Putra Mall is fitted with interiors designed to promote awareness on Autism Spectrum Disorder and cater to children within the spectrum. Meanwhile, Sunway Putra Hotel was renovated to keep up with modern times. Old facilities such as elevators were replaced with new ones and recreational facilities like tennis courts were converted into meeting rooms. The hotel also embraces sustainability to conserve energy and water consumption through initiatives such as ensuring a minimal amount of water is used for flushing toilets. Sunway Putra Hotel aims to continue evolving to keep up with current demand. In the next three years, the hotel is looking to refurbish its guest rooms, upgrade the convention facilities and renovate the guest toilets.



Accessibility:

- Accessible via major highways
- Connected to public transportation such as the LRT, KTM and RapidKL



Award-Winning Recognition:

- Sunway Putra Hotel won The EdgeProp Malaysia's Best Managed & Sustainable Property Award 2023 (Bronze, 10 Years & Above Specialised Category)
- Recognised by Tripadvisor as one of the top 10% of hotels globally for customer service in 2023





ACCELERATING TOWARDS A SUSTAINABLE FUTURE

We are ramping up our transition towards renewable energy in a bid to meet our vision of achieving Net Zero Carbon Emissions by 2050, a critical step towards a more sustainable future.





MANAGING OUR ENVIRONMENTAL IMPACT

GRI 3-3, 302-1, 302-2, 302-3, 302-4, 302-5, 303-1, 303-2, 303-3, 303-4, 303-5, 305-4, 305-5, 305-6, 305-7, 306-1, 306-2, 306-3, 306-4, 306-5

We remain committed to effectively managing the environmental impacts of our operations and activities. This can be achieved by mitigating and minimising harmful environmental impacts through investing in clean technology to pivot towards renewable energy, and efficient energy, water and waste management. This includes adopting best practices in pollution management and advocating for a circular economy.



IMPROVING ENERGY EFFICIENCY

Improving energy efficiency is one of the most crucial efforts in decarbonisation, as some of our business divisions may have higher energy consumption than the others due to the nature of their operations. As such, these business divisions are required to strive harder in their effort to increase their energy efficiency. This is to ensure that our operations are well managed with efficient energy consumption to achieve a lower carbon footprint. Our business divisions are committed to staying below the energy intensity targets to achieve the IPCC target of 45% reduction of emissions by 2030. To this end, Sunway's engineers are tasked to closely monitor our energy consumption to ensure that we consume electricity efficiently. Additionally, we actively engage with our stakeholders to increase awareness on improving energy efficiency.

ENERGY CONSERVATION

Awareness Programmes

We take part in Earth Hour annually to mark Sunway's commitment to combat climate change. Across our businesses, lights are switched off for one hour to spread awareness about energy saving measures. In 2023, our Hospitality division took a step further by encouraging guests to turn their room lights off, while our Office division organised Earth Hour fun quizzes for their tenants.

The Office division also conducted Green Lease Forums at their office buildings to educate tenants on managing and making buildings greener. In addition, energy saving guidelines were included in students' pre-arrival awareness sessions at our Student Residences.

Adjusting Daily Operational Needs

To conserve energy, Sunway's hotels turn off the air conditioning during low occupancy. The Lost World of Tambun also replaced its analog control system with a digital control system to better regulate the temperature. Our theme parks utilise one motor pump instead of two at some attractions' operation control, and revised operating hours for them. On the retail front, our malls' chillers' operational time is manually adjusted based on tenants' needs. Sunway University and College enhanced its Environmental Sustainability Policy to enable its buildings to maximise natural lighting and ventilation. The Quarry division also enhanced its operational efficiency by replacing the thermal fluid heater with an insulated unit.

ENERGY EFFICIENCY

We continue implementing energy efficiency measures across our operations, and these include:

- Replacing conventional lights with LED lights
- Changing old electrical appliances and parts with newer, efficient ones
- Installing or replacing large appliance such as chillers
- Fixing motion sensors to detect movement and adjust lighting accordingly
- Turning off lights and reducing lighting at set hours every day
- Conducting maintenance on amenities like elevators
- Applying Building Energy Management System (BEMS)
- Utilising smart meter systems.

RENEWABLE ENERGY

Since 2018, we have been installing solar panels in our buildings to generate clean energy. In 2023, we installed solar panels in two more buildings, namely Sunway Putra Mall and Sunway International School SCKL. We have generated a total of 12,002 MWh of renewable energy in 2023.

Year	Installed Capacity	Solar PV Energy Generation	
	kWp	MWh	%
2019	5,536	2,513	1%
2020	7,092	7,408	3%
2021	7,897	8,940	3%
2022	9,384	9,743	3%
2023	10,642	12,002	3%

In 2023, we avoided **9,098 tonnes of CO₂e** emissions by using renewable energy generated by rooftop solar panels.

Note:

Sunway Berhad's scope of properties with solar generation is contingent on its ownership or influence over the assets, with "influence" defined as having a minimum of 33% shares of the asset, as defined by Bursa Malaysia for a controlling shareholder.

LOW-CARBON ENERGY ALTERNATIVES

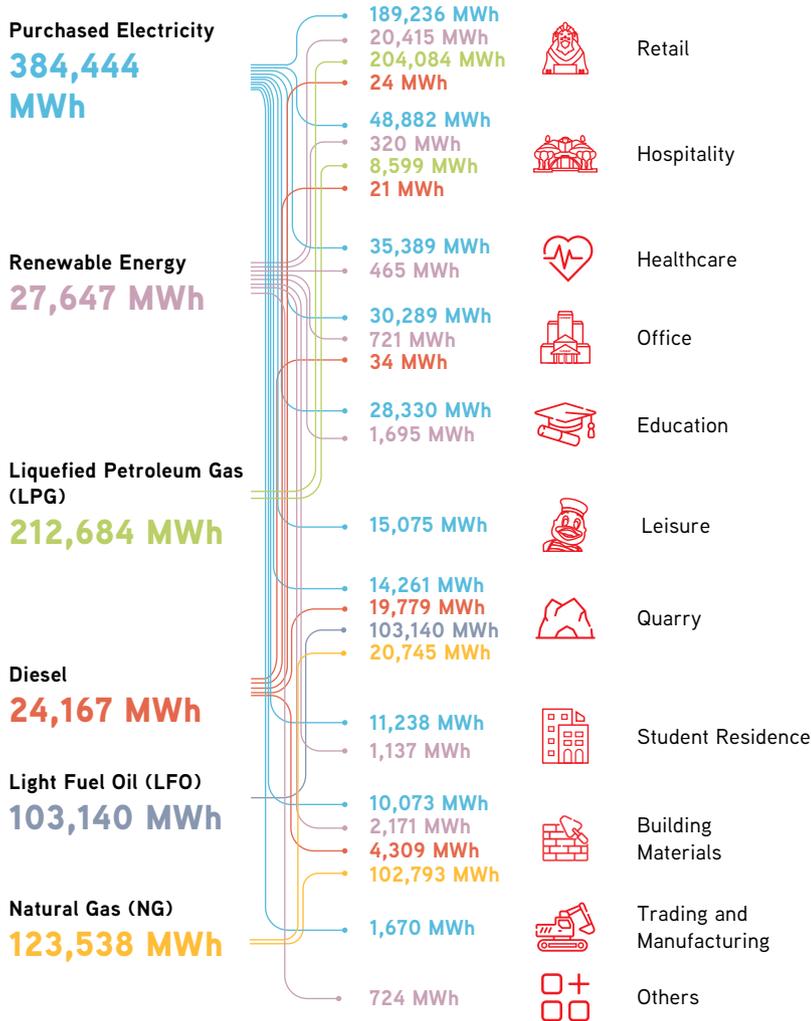
Some of our energy intensive operations have been proactive in using fuel that produces lower carbon emissions. For example, the Building Materials division uses Natural Gas (NG) at its sites for kiln burning purposes, while the Quarry division switched from using Light Fuel Oil (LFO) to Natural Gas (NG) to heat aggregates.

MANAGING OUR ENVIRONMENTAL IMPACT

ENERGY CONSUMPTION

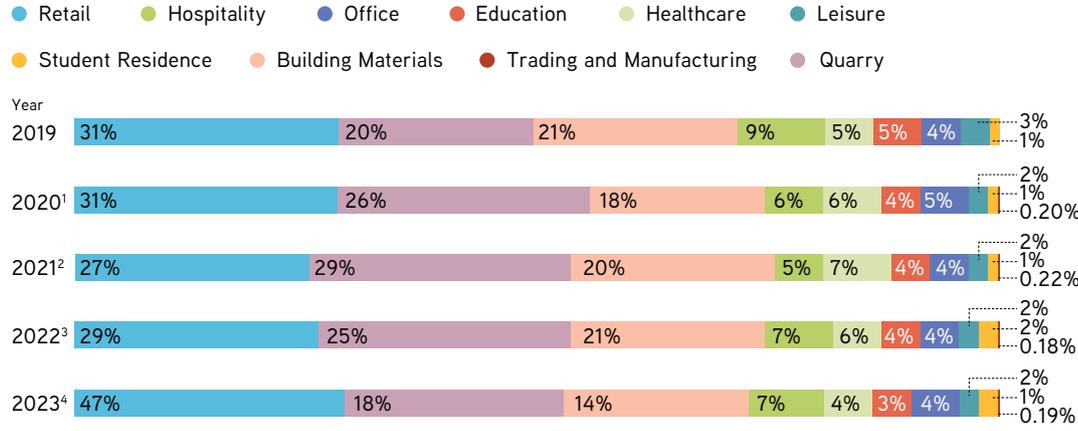
In 2023, our energy consumption increased by 41% from 2022 particularly due to an expansion in data collection of new properties and sites. We also initiated the data collection of liquefied petroleum gas at our managed assets. Going forward, we will continue to implement energy efficiency measures across all our properties and sites.

TOTAL ENERGY CONSUMPTION (MWh) BY BUSINESS DIVISION IN 2023



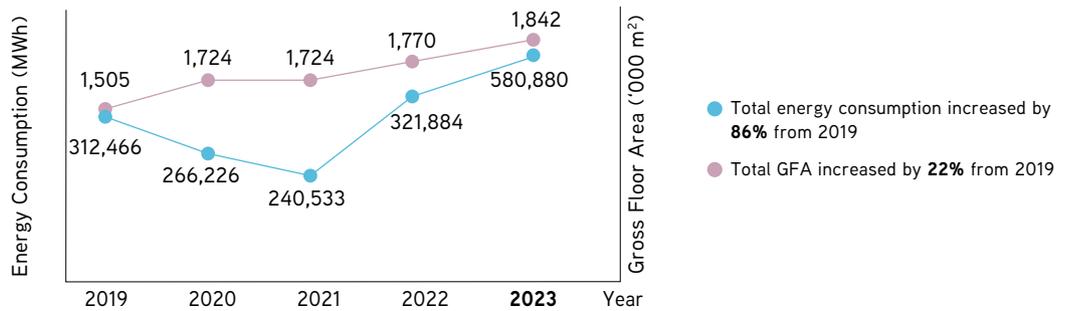
TOTAL: 875,618 MWh

TOTAL ENERGY CONSUMPTION (%) BY BUSINESS DIVISION



¹ New properties added: Sunway Big Box Retail Park, Sunway University Residence
² New business division added: Trading and Manufacturing
³ New properties added: V Office (V01), Sunway Visio (V04)
⁴ New properties added: Sunway Big Box Hotel
 Note: Energy consumption includes electricity and fuel consumption (excluding company vehicles). Figures stated may not add up due to rounding of decimals.

MANAGED ASSETS*: TOTAL ENERGY CONSUMPTION (MWh) VS TOTAL GROSS FLOOR AREA ('000 m²)

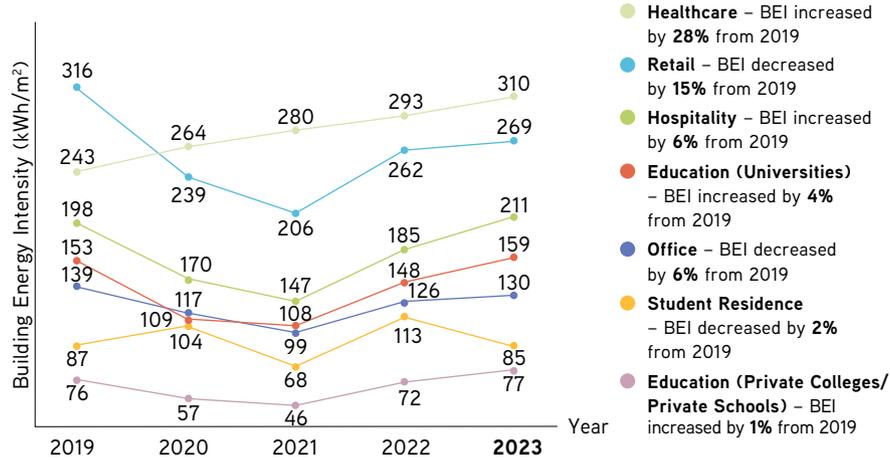


Notes:
 1. Energy consumption includes electricity and fuel consumption (excluding company vehicles)
 * Managed assets comprise assets from the Office, Retail, Hospitality, Education, Healthcare and Student Residence divisions.

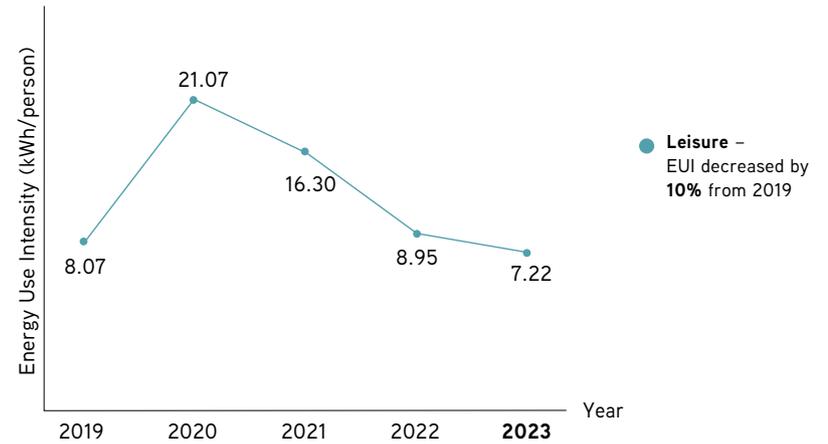
ENERGY INTENSITY PERFORMANCE

In 2023, the energy intensity for Healthcare, Hospitality, Education and Sunway Quarry (Quarry Products) divisions showed an upward trend compared to 2019. Similar to the emissions intensity trend, the increase in the energy intensity trend may be due to the growth and expansion of our businesses.

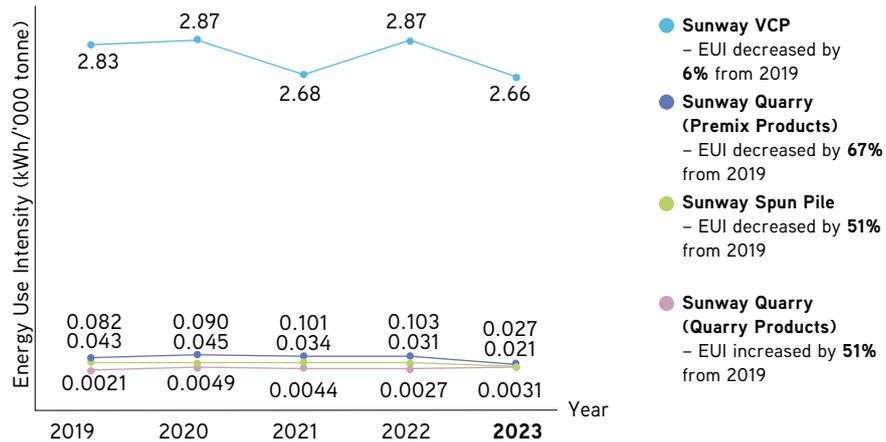
MANAGED ASSETS:
BUILDING ENERGY INTENSITY (kWh/m²)



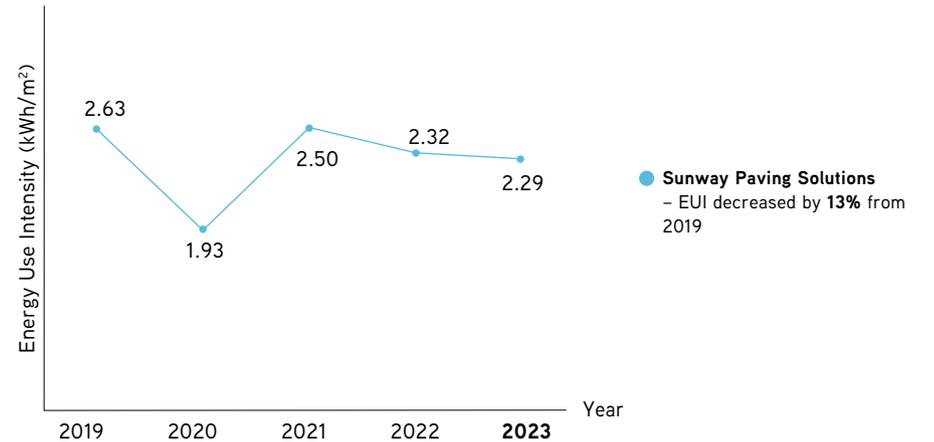
MANAGED ASSETS:
ENERGY USE INTENSITY (kWh/person)



INDUSTRIAL SITES:
ENERGY USE INTENSITY (kWh/'000 tonne)



INDUSTRIAL SITES:
ENERGY USE INTENSITY (kWh/m²)




 MANAGING OUR ENVIRONMENTAL IMPACT



MAINTAINING WATER SECURITY

Water is a crucial natural resource for our business operations. Thus, we remain guided by the Group's Water Management Policy to enhance water security and manage water consumption and disruptions efficiently, such as using alternative water resources. This is so that our businesses remain unaffected during water shortages. For instance, our properties in Sunway City Kuala Lumpur withdraw water from nearby lake, which is treated at our water treatment plant to produce potable drinking water. Furthermore, Sunway's properties are situated in regions and areas that are not water-stressed.

 Sunway Berhad Water Management Policy:
<https://www.sunway.com.my/wp-content/uploads/2021/12/Sunway-Berhad-Water-Management-Policy-211015.pdf>

MUNICIPAL POTABLE WATER

Water withdrawn from municipal sources are assured of their quality and is compliant with the Drinking Water Quality Standards, published by the Ministry of Health (MOH). Air Selangor, one of our municipal water source, regularly monitors the quality of raw and treated water at various sampling points through in-house laboratories which have been accredited with ISO 17025 (Laboratory Accreditation) Certification.

We ensure that we consume water efficiently through:

Water-saving Initiatives

All business operations within the Group must actively participate in reducing water consumption to conserve water. Among the water saving initiatives implemented are installing motion sensor taps and waterless urinals, conducting regular checking of tap and pipe leakages and increasing public awareness about water conservation.

Water Crisis SOP

Every Sunway-managed property has a water crisis SOP in place to address water disruptions effectively. It covers emergency planning to mitigate water disruptions should they occur during business operating hours.

LAKE WATER

WATER TREATMENT PLANT

Water from our treatment plant is treated using a hybrid of ultrafiltration and reverse osmosis processes to meet the quality standards of potable drinking water.

The water treatment plant in Sunway City Kuala Lumpur supplies water to various commercial and residential buildings within the township. The Sunway South Quay lake has been used as a water catchment area since 2019. Our RM18 million water treatment plant converts excess water into potable water and directs it to our buildings as an alternative water source. This has helped us to rely less on municipal water supply and serves as backup water supply during water shortages.

LANDSCAPING

We also extract water from the Sunway South Quay lake for the purpose of township landscape watering.

In 2023,

Our premises consumed
1,316,881 m³
 of water from our water
 treatment plant at Sunway
 South Quay.



We also withdraw water from various alternative sources for non-essential activities that do not require the quality standards of potable drinking water such as landscaping and cleaning. This is to conserve water consumption from the potable water supply.

RAINWATER HARVESTING

We have installed rainwater harvesting tanks at our properties for activities such as cleaning outdoor areas, maintaining landscapes and flushing toilets.

GROUNDWATER

In Sunway Lagoon Theme Park, the groundwater is used for cleaning common walkways and watering the landscape.

In 2023, there were
ZERO incidents of non-compliance with water quality/quantity permits, standards and regulations.

WATER DISCHARGE

The waste water from our properties undergoes treatment by Indah Water Konsortium, the national wastewater and sanitation company of Malaysia. The reported data on water discharge is obtained from monthly utility bills, as the discharged water is directed into the municipal sewerage system.

In 2023,

We harvested and consumed
6,980 m³
of rainwater.

We extracted and consumed
2,689 m³
of groundwater.



Water treatment plant at Sunway South Quay lake

THE QUAY TO SOLVING FLASH FLOOD WOES



Contributed by:
Dr. Chen Jit Ern
Head of the Jeffrey Sachs Center on Sustainable Development (JSC)

Water security is defined by the United Nations (UN) as the capacity to, firstly, protect sustainable access to sufficient clean water to sustain livelihoods, well-being and socioeconomic development; secondly, protect against water-borne pollution and water-related disasters; as well as preserve ecosystems in a climate of peace and political stability.

In Malaysia, ensuring water security is crucial because the primary climate risk in the years to come is the increasingly erratic rainfall patterns, which will result in more flash floods, landslides and dry spells, according to Dr. Chen Jit Ern, head of the Jeffrey Sachs Center on Sustainable Development (JSC), associate professor at Sunway University's School of Biological Studies as well as the vice-chairman of the Malaysian Smart Cities Alliance (MSCA) Association.

"Bringing flash floods under control in Malaysia is important in light of advancing the United Nations Sustainable Development Goals (UN-SDGs), more specifically on SDG 1 of No Poverty and SDG 11 of Sustainable Cities and Communities," said Dr. Chen, who works on the flood and rainfall maps used by JSC to determine future value-at-risk locations and properties.

He said that flood mitigation is not just a matter of disaster control and reducing financial damages – it is a form of social justice.

"A key component of equitable social progress is stability of livelihood and living space. The vast majority of those who suffer directly from flooding events in Klang Valley are also the ones who can least afford it and who cannot move away from it. Under a business-as-usual context, they will just have to suffer the brunt of the most obvious manifestation of climate change in Malaysia. Ignorance of the flash flooding problem undermines the foundation of society that we need to keep intact if we are to successfully face greater challenges of climate change," he said.



Please scan the QR code to read more about The Quay to Solving Flash Flood Woes.



Sunway South Quay lake at Sunway City Kuala Lumpur

THE QUAY TO SOLVING FLASH FLOOD WOES

Mitigating the impact of flash floods and droughts, safeguarding access to water functions and services, and managing water resources in an integrated, equitable manner are some of the ways to achieve water security, according to UNESCO.

With the commitment to advancing the UN-SDGs, Sunway has implemented various means of prioritising water security at Sunway City Kuala Lumpur (SCKL), with the ultimate goal of achieving at least five days of uninterrupted water supply from the onset of a water disruption event by 2030.

A MONTH'S WORTH OF RAINFALL IN A DAY? NO PROBLEM FOR SUNWAY

Located at the heart of the Sunway South Quay mixed development in SCKL is the South Quay lake, which plays a key role in safeguarding water security for the township.

Beyond providing a serene waterfront for the surrounding properties, the 28-acre rehabilitated mining lake is also an oasis that provides uninterrupted water supply during a water disruption and helps to mitigate flooding during a torrential downpour.

Operating at a full capacity, the water treatment plant at Sunway South Quay lake uses a hybrid of ultrafiltration and reverse osmosis processes to recycle and treat the lake water to supply up to 8.5 million litres of potable water per day – enough drinking water for 51,500 people.

This is an improvement from most rainwater harvesting systems that only utilise collected water for non-potable water use.

As all of Sunway's managed properties in SCKL are piped to the water treatment plant, the plant has reduced Sunway's reliance on municipal water supply by nearly 30% and ensures a continuous water supply even during a water cut.

Since the water is sourced from the Sunway South Quay lake, water supply is unaffected by upstream water pollution that usually plagues rivers, which typically lead to shutdowns at traditional water plant operations.

In terms of flood mitigation, due to SCKL's topography, surface runoff naturally flows to Sunway South Quay and Sunway Lagoon lakes, making them natural water catchment areas for SCKL.

“Receiving around 3.5 billion litres of rainfall a year, both lakes give Sunway the leeway to store sudden surges of water, which can then be released into the riverine waterways after the initial rainfall event has passed,” Dr. Chen explained.



Flood control is key to ensuring a better quality of life for all

Sunway South Quay lake, which has roughly 1.5 metres' worth of “flexible” water depth, is able to store 130,000 cubic metres of water before the emergency pumps kick in – an equivalent of roughly 200 millimetres of rain in expected catchment area.

From its lowest normal water level, Sunway South Quay lake enables SCKL to withstand three weeks' worth of heavy rainfall in one day, should a sudden heavy downpour occur, preventing flash floods.

“Both lakes act as focal points for SCKL's monitoring and flood mitigation efforts and resources, making it easier for Sunway to access and maintain the facilities such as emergency pumps when needed,” Dr. Chen said.

Moving forward, Dr. Chen said Sunway hopes to implement a more holistic model of rainwater control by building in water retention systems for gradual release into the shared drainage system.

“Like miniature ex-mining lakes, our plan is that future Sunway projects integrate a system of on-site storage for perhaps two to three days' worth of rainwater. This not only prevents flooding in Sunway properties, but also in properties downstream of the drainage system which may be overwhelmed,” he said.

“The future of flood control in Malaysia will be systems that do not simply seek to drain water as fast as possible out of the area, but which explicitly intend to integrate water retention and usage, with the dual role of both improving water security and prevent flash floods on-site and downstream,” says Dr. Chen.

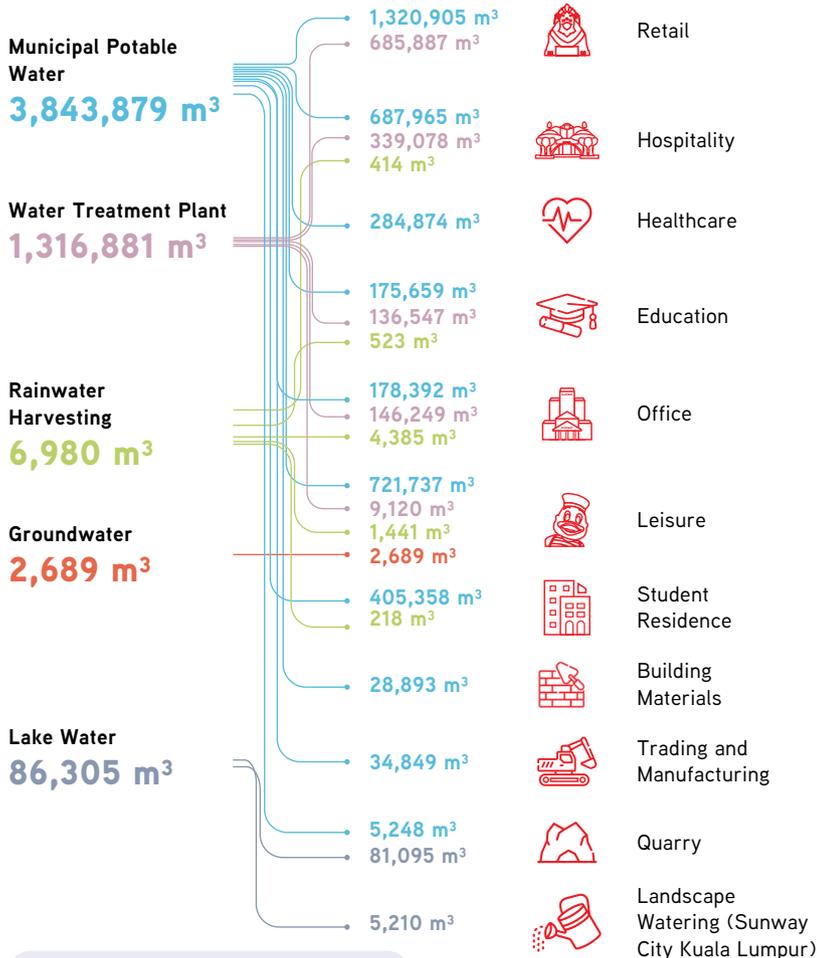
Come rain or shine, Sunway's proactive approach towards water sustainability ensures that not a single drop of water is ever wasted, but that every raindrop is channelled towards continuously sustaining and enriching the lives and livelihoods of all.

MANAGING OUR ENVIRONMENTAL IMPACT

WATER CONSUMPTION

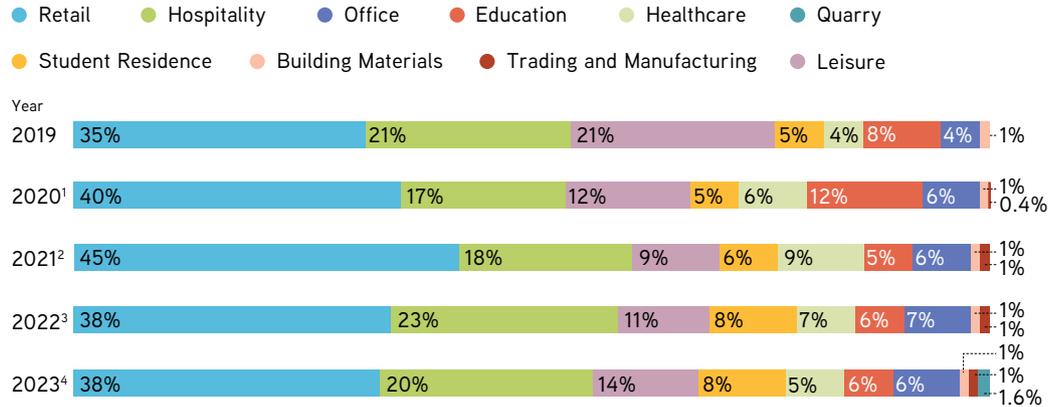
The total water consumption in 2023 increased by 16% from 2022 due to an expansion in data collection of new properties and sites. To reduce our reliance on municipal potable water supply and water wastage, we utilise water sources such as rainwater and lake water for non-essential activities.

TOTAL WATER CONSUMPTION (m³) BY BUSINESS DIVISION IN 2023



TOTAL: 5,256,734 m³

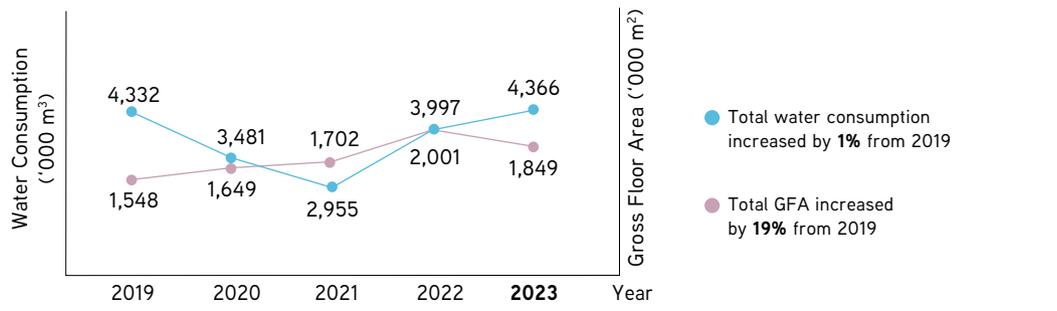
TOTAL WATER CONSUMPTION (%) BY BUSINESS DIVISION



¹ New business division added: Trading and Manufacturing
² New properties added: Sunway Big Box Retail Park
³ New properties added: Sunway University Apartment, V Office (V01), Sunway Visio (V04)
⁴ New properties added: Wisma Sunway Big Box and Sunway Resort Hotel Corporate Suites

Note: Ongoing construction sites are excluded. Figures stated may not add up due to rounding of decimals.

MANAGED ASSETS*: TOTAL WATER CONSUMPTION ('000 m³) VS TOTAL GROSS FLOOR AREA ('000 m²)

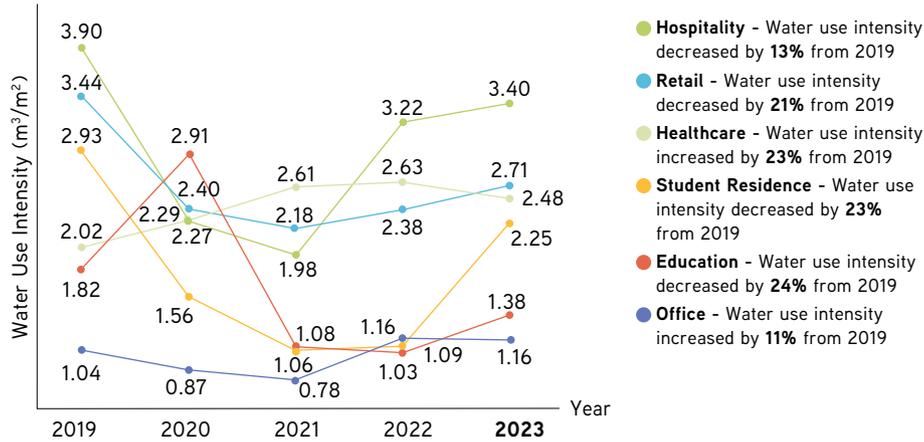


Note: * Managed assets comprise assets from the Office, Retail, Hospitality, Education, Healthcare and Student Residence divisions.
 Total water consumption increased by 1% from 2019
 Total GFA increased by 19% from 2019

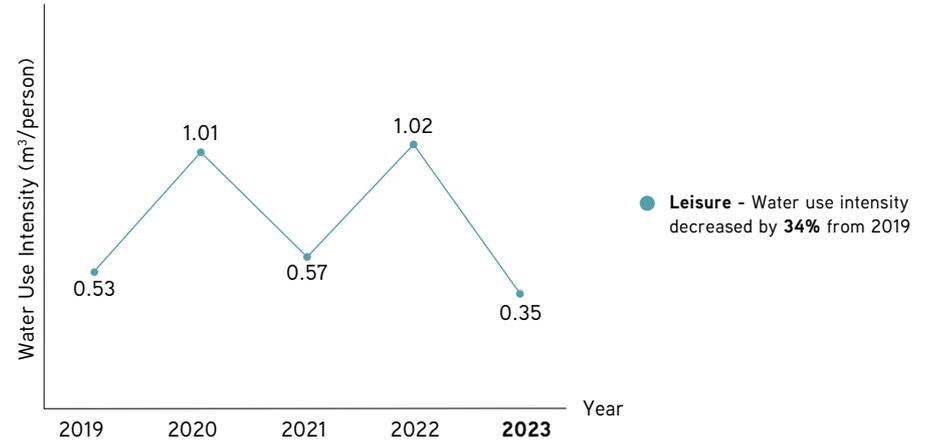
WATER INTENSITY PERFORMANCE

In 2023, majority of the business divisions' water intensity performance decreased compared to 2019, except for the Office and Healthcare divisions. The increase in their water intensity trend may be due to increased water consumption demands to meet business needs.

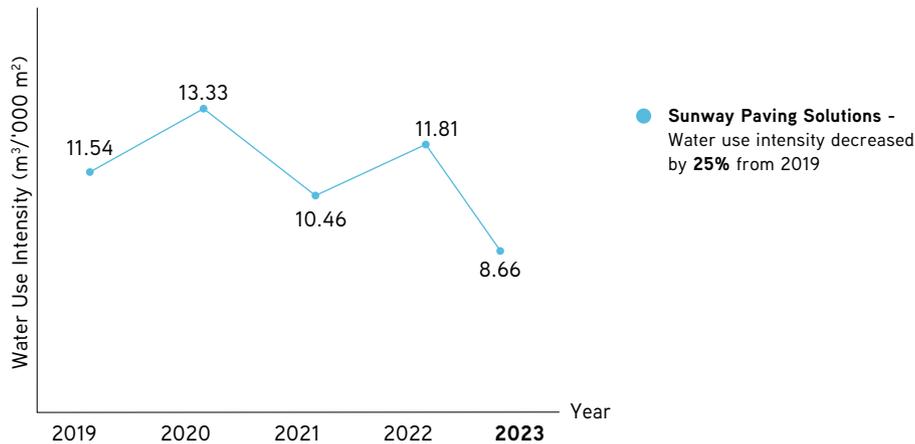
**MANAGED ASSETS:
WATER USE INTENSITY (m³/m²)**



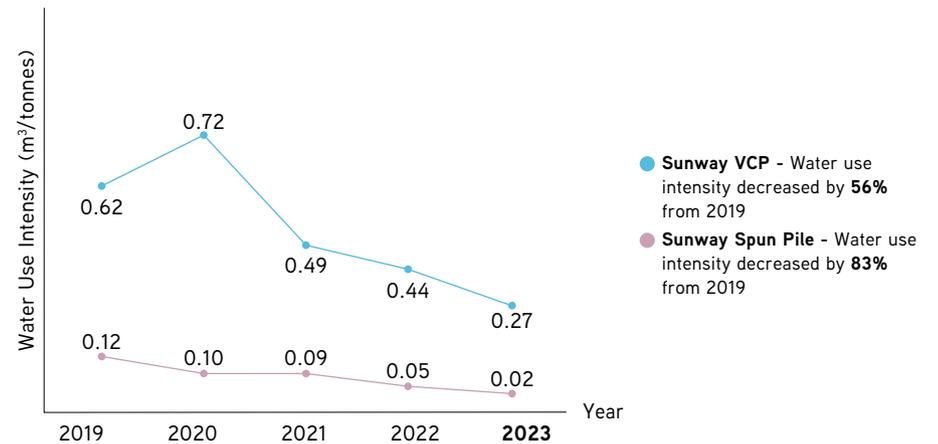
**MANAGED ASSETS:
WATER USE INTENSITY (m³/person)**



**INDUSTRIAL SITES:
WATER USE INTENSITY (m³/'000 m²)**



**INDUSTRIAL SITES:
WATER USE INTENSITY (m³/tonnes)**

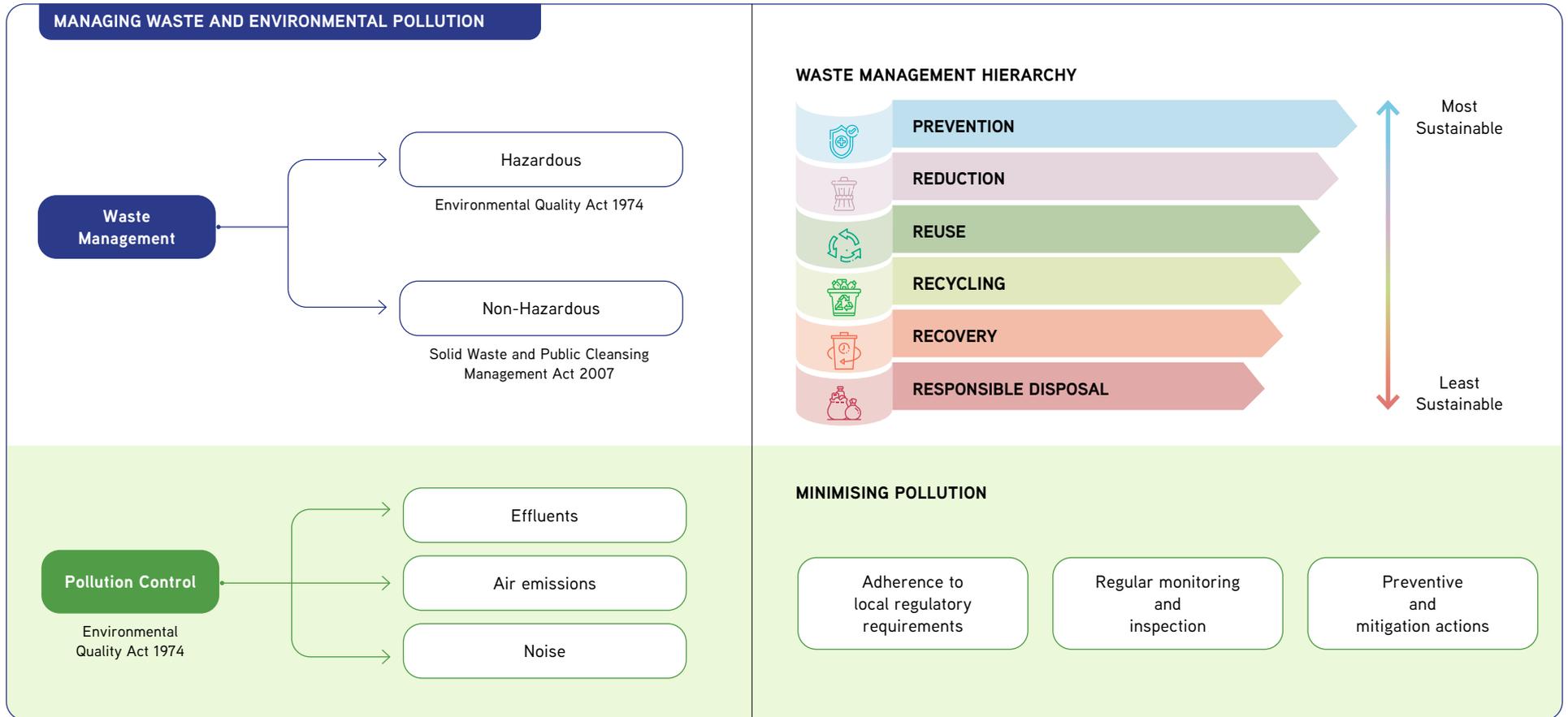


POLLUTION MANAGEMENT

We fully recognise that our diverse business activities can adversely impact the environment and the well-being of local communities in our operational areas. To this end, we prioritise the significance of pollution control across all our operations, as failure to do so subjects us to reputational, legal and financial risks and can even jeopardise our operating licences. We define pollution management as the comprehensive approach to environmental stewardship. Waste management and environmental pollution control are executed by monitoring sediment, effluents, emissions, and noise levels, ensuring they are within permissible levels.

We identify waste management by categorising it as hazardous and non-hazardous waste. We adhere to the Environmental Quality Act 1974 and Solid Waste and Public Cleansing Management Act 2007 to manage each type, respectively.

Our commitment also extends to curtailing excessive waste generation and diverting waste from landfills. This aligns with our six-tier waste management hierarchy, serving as our guide in managing waste while preserving the environment. The hierarchy categorises our actions in two stages - diverted and responsibly disposed of waste. To this end, our environmental pollution controls include fulfilling actions according to local regulatory requirements, frequent monitoring and inspection, and preventative and mitigation measures.

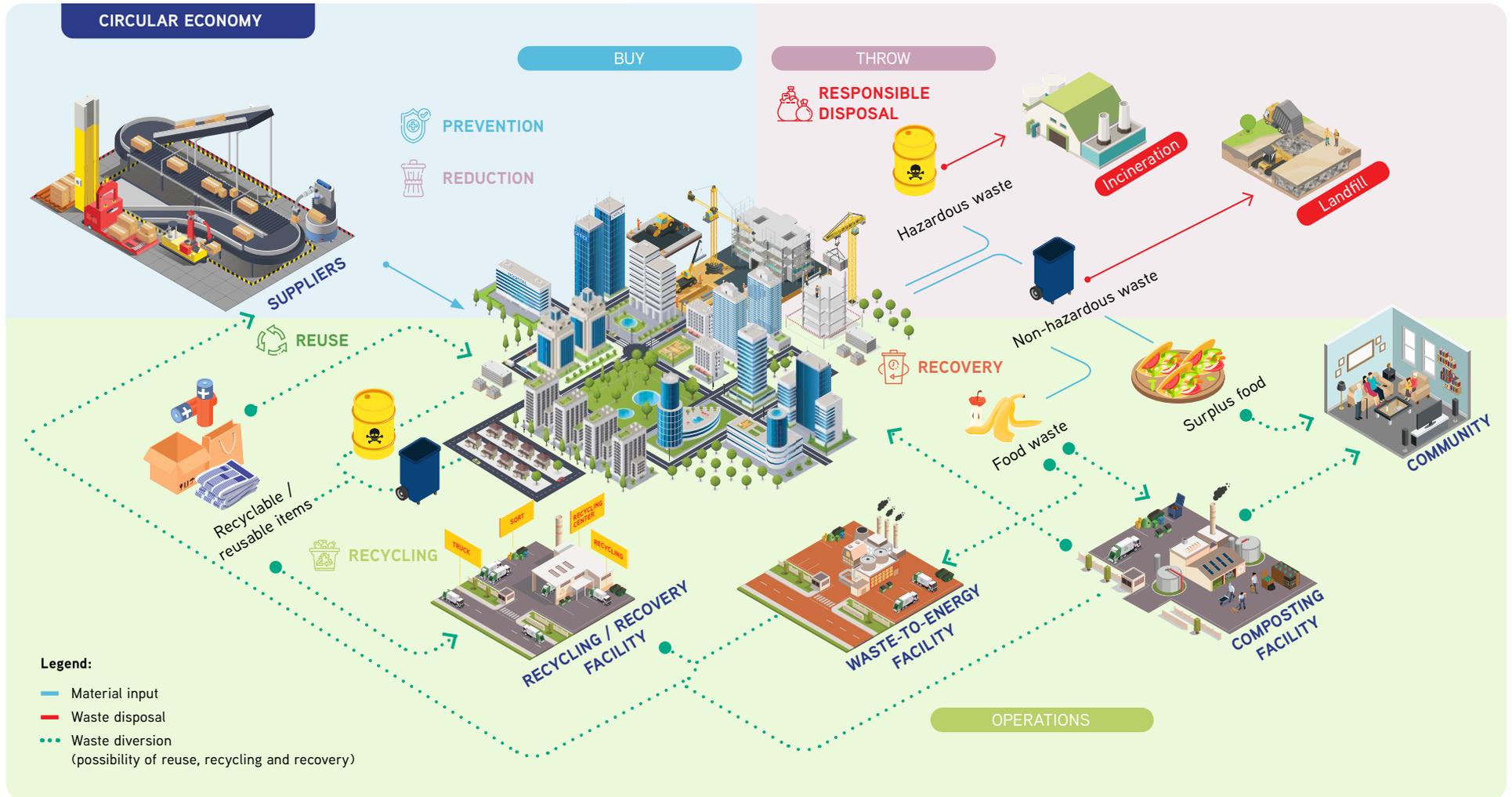


EFFECTIVELY MANAGING WASTE

We adopt effective waste management practices to minimise our environmental footprint. This involves investing in proper handling, storage, collection, transportation and the right treatment and disposal of waste.

Sunway continues to champion our efforts to advocate a circular economy through our responsible and innovative practices, which align with our six-tier waste management hierarchy. Starting with prevention and reduction, we actively work towards minimising waste generation. We also emphasise reuse and

recycling practices by ensuring that materials are given a second life whenever possible to save on resources. Our commitment extends to recovery efforts, extracting value from discarded materials. Finally responsible disposal methods are employed for any remaining waste, completing our holistic approach to waste management. We ensure we maximise our efforts by finding the best method to manage our waste before disposing as our last resort. The entire process is illustrated in the following infographic:



MANAGING OUR ENVIRONMENTAL IMPACT

PREVENTION

Waste prevention is a crucial step in our waste management process as it helps eliminate waste generation at the source. We approach waste prevention by minimising or avoiding purchases of materials that are for single-use purposes. If we are required to purchase new materials, we ensure that we source for alternative sustainable materials. To this end, our suppliers are essential in advising us on the availability of sustainable alternatives.

Our Hospitality division continued to phase out single-use plastic item amenities through additional practices, including:

- Wrapping slippers and toilet rolls in bulk as opposed to individual packaging
- Gradually changing plastic drinking water bottles to recyclable glass bottles for all guest rooms

Meanwhile, our Leisure division has been practising Zero Plastics whereby tenants and F&B shops no longer supply plastic packaging to customers. Employees are also required to bring their own containers for food and drinks.

REDUCTION

Stringently practising waste prevention is critical to reduction. When new materials are necessary, we always source for alternative sustainable options, directly aligning with our broader goal of reducing environmental impact. For example, our Hospitality division's practice of phasing out plastics has saved more than 737,000 pieces of single-use plastics since 2019.

Sunway Medical Centre at Sunway City Kuala Lumpur also persisted in reducing the use of plastic laundry bags by utilising eco-OXO alginate bags for all isolation linens. These semi-soluble laundry bags are biodegradable and will not harm the environment or cause drain blockage. Sunway Medical Centre Velocity patients are given the option to choose rice portions for inpatient meals to reduce wastage.

REUSE

Our business divisions are instilled with the value of reusing materials, which helps in the preservation of the materials that goes into producing an item.

Our business divisions reuse decorations for festive celebrations and only add new items according to needs. We also only dispose of furniture in landfills after fully maximising its use, or alternatively, we sell them back to the contractors. For example, Menara Sunway reused furniture at other levels.

Our Office and Retail divisions continued to work with Kloth Cares to encourage the collection of fabric for the purpose of donation or reselling if the fabrics are still in good condition. The Trading and Manufacturing division which primarily handles heavy equipment, material, and hardware repaired and reused approximately 1,370kg of broken wooden pallets at their warehouses, which saved the division about RM3,700.

RECYCLING

Embracing efficient recycling methods, we collaborate with various stakeholder groups to foster a collective commitment to environmental sustainability.



Our various business divisions work closely with their employees and external stakeholders to ramp up their recycling efforts.

Employees

- Our Hospitality division organised clean-up sessions around the hotels. Meanwhile, Sunway Hotel Georgetown and Sunway Hotel Seberang Jaya have set up collection stations for the employees to drop off recyclable items.
- Sunway Medical Centre Velocity held an inter-departmental Recycling Competition to award the top five departments with the highest amount of recyclable waste collection.
- Sunway Medical Centre at Sunway City Kuala Lumpur ensured that any linen discarded due to tear, discolouration or non-washable stains will be used as tools in the event of a flood or pipe burst incident. We also recover discarded bedsheets by sewing them into pillowcases.

Local Councils and Authorities

- Our Hospitality division collaborated with the Subang Jaya City Council to clean up the surroundings of the hotels in Sunway City Kuala Lumpur by removing trash and recyclables from the street.
- Wisma Sunway collaborated with the Selangor State Environmental Department and T-Pot Electrical Management for e-waste collection.

Other Organisations and Companies

- Sunway Hotel Georgetown continued collaborating with the Penang Cheshire Home to recycle used clothes into handicrafts or sold as part of the home's income.
- Sunway Resort Hotel and Sunway Pyramid Hotel continued their participation in the Nespresso Capsule Recycling initiative to recycle used Nespresso capsules.



RECOVERY

Our process in waste recovery encompasses the collection, treatment, and transformation of waste materials into valuable products or sources of energy, with the aim of minimising waste disposal in landfills or incinerators. Our objective is to decrease our impact on landfill waste, preserve valuable resources, and mitigate environmental pollution.



Surplus Food

Sunway City Kuala Lumpur Hotels has been donating surplus food through Sunway's #ZEROFOODWASTAGE initiative in collaboration with Kechara Soup Kitchen.

Food Donation
2 tonnes



Waste to Energy

Sunway's Hospitality division collaborated with FatHopes Energy to repurpose used cooking oil (UCO) generated from daily cooking and operations. The collection of UCO has helped significantly in reducing the strain on the sewer system and preventing environmental contamination. The Sunway community and residents were encouraged to contribute their UCO to FatHopes Energy in exchange for cash rewards facilitated through Sunway Super App's points collection system.

Used Cooking Oil
28 tonnes



Compost

Sunway Pyramid Mall, Sunway Resort Hotel and Sunway University continued to utilise the food composting machines to turn food waste into compost. Meanwhile, Sunway Lagoon Theme Park kickstarted a food waste composting initiative using Black Soldier Fly (BSF) with Entomal Biotech.

Food Waste Collected
122 tonnes



Compost Produced
1.3 tonnes



Collaboration with FatHopes Energy to repurpose used cooking oil



Black Soldier Fly (BSF) composting site at Sunway Lagoon Theme Park

MANAGING OUR ENVIRONMENTAL IMPACT

COMBATING FOOD WASTE WITH BLACK SOLDIER FLY (BSF) FACILITY

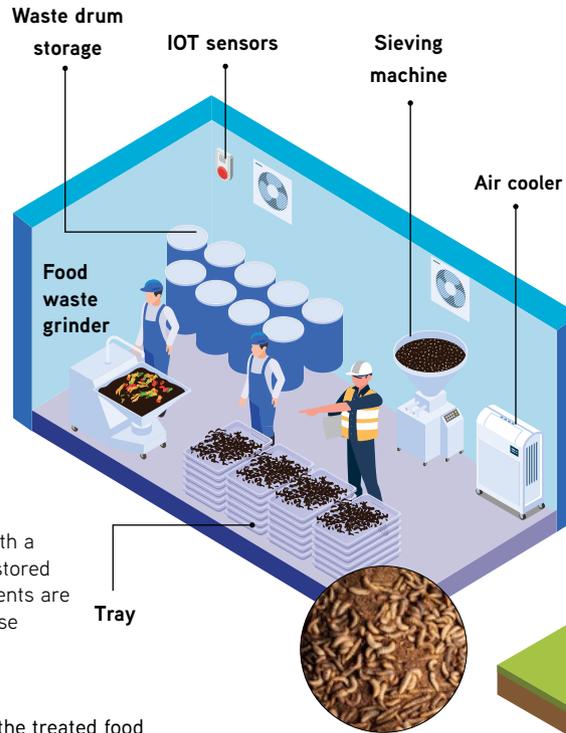
In Malaysia, approximately 4,081 tonnes of edible food are discarded daily, akin to filling one-and-a-half Olympic-sized swimming pools. This unsettling statistic constitutes approximately 10% of the nation's total daily solid waste, amounting to 38,219 tonnes in 2021¹. Additionally, the Food Waste Behaviour and Awareness of Malaysians report revealed that over 70% perceive wasting food as irresponsible, recognising it as a waste of money, natural resources, and agricultural efforts. Despite this level of awareness, fewer than 10% possess a comprehensive understanding of the broader environmental impact of food waste on the planet².

To combat food waste, Sunway Lagoon Theme Park kickstarted a food waste composting initiative. We worked with Entomal Biotech and established a pilot BSF facility at the Sunway Lagoon Theme Park for the treatment of food waste. The by-products of this process are larvae that can be used as animal feed and frass that can be used as fertiliser.

BLACK SOLDIER FLY COMPOSTING PROCESS

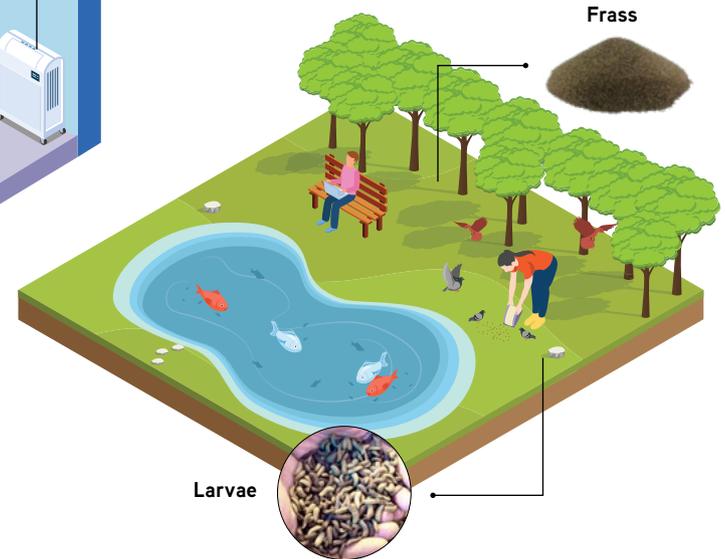
Treatment Process

- 1 Food waste is collected
- 2 Ground and treated with a F2W formulation and stored in drums and the contents are left overnight before use
- 3 The tray is filled with the treated food waste and BSF neonates are added in
- 4 The larvae are allowed to feed and reduce the food waste in seven days



Post-treatment

- 5 Harvesting takes place after seven days where the contents are placed into the sieving machine
- 6 The sieving machine separates the content of the tray to BSF larvae and frass
- 7 The larvae can be fed to animals while the frass are used as fertiliser for landscaping



¹ The Star Online, M'sians continue to waste food, June 2022: <https://www.thestar.com.my/news/nation/2022/06/06/msians-continue-to-waste-food>

² The Star Online, Why Malaysians need to reduce daily food waste, July 2023: <https://www.thestar.com.my/lifestyle/living/2023/07/04/conserving-resources-why-you-need-to-reduce-daily-food-waste>



COLLABORATION WITH THE SALVATION ARMY

In line with its aspiration of leaving no one behind, Sunway Berhad always strives to intensify its partnerships and collaborations with NGOs to generate more impactful community initiatives.

In 2023, Sunway collaborated with The Salvation Army (TSA), an NGO that is known internationally for not only addressing the diverse needs of the underprivileged but also for championing sustainability initiatives. The TSA has developed its specialised residential care work with young people and has also developed other services, such as homes for the elderly, daycare centres, kindergartens and community service centres. TSA's social enterprise arm, Red Shield Industries (RSI), generates income through its Family Thrift Stores by recycling and reusing in-kind donations to support TSA's efforts in providing holistic care to the community it serves.

The partnership between Sunway and TSA signifies our joint commitment to environmental stewardship and community service, with Sunway sponsoring TSA's multifunctional premises. The sponsored premises serves as TSA's central location for organising the donated items from their 68 collection points. These items are sorted according to their purpose, whether it is for donation, recycling or disposal. The collaboration also included a 'Pay it Forward by Upcycling' initiative, which collects donated new, preloved and unused items from Sunway's employees at Menara Sunway.

Sunway supports TSA by providing financial aid to enable it to continue its sustainability initiatives and serve the community in need.



The Salvation Army's drop-off point at Subang Jaya

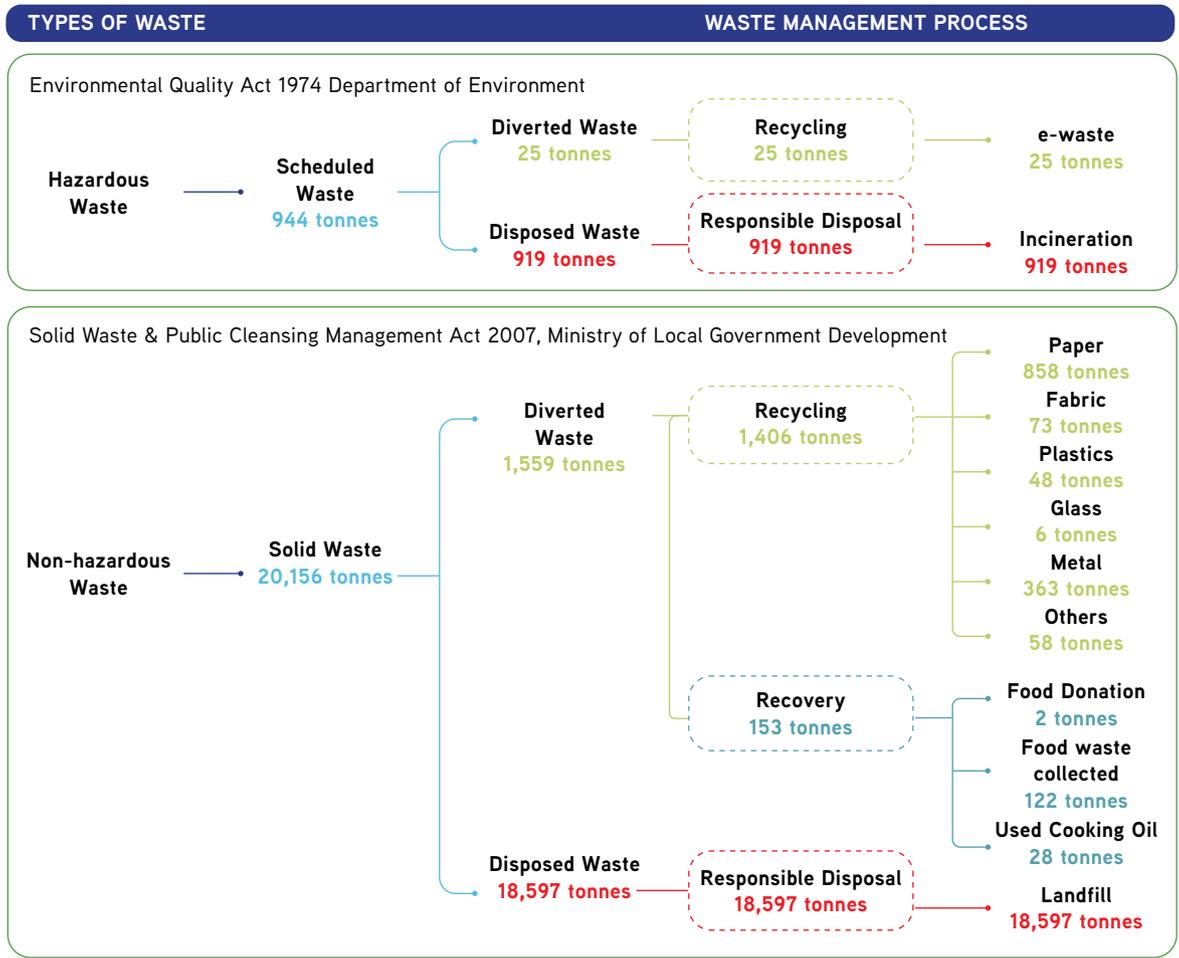
The sponsored centre serves as a centre for processing, warehousing, retailing, and administrative activities. It also operates as a central hub for TSA to collaborate with various NGOs and volunteers. Throughout 2023, the centre was a venue for numerous monthly activities and initiatives. These include organising donation drives and book clearance sales, collecting and sorting donated items, recycling unused fabrics, donating books and stationery to schools, and contributing items to the Orang Asli community.

MANAGING OUR ENVIRONMENTAL IMPACT

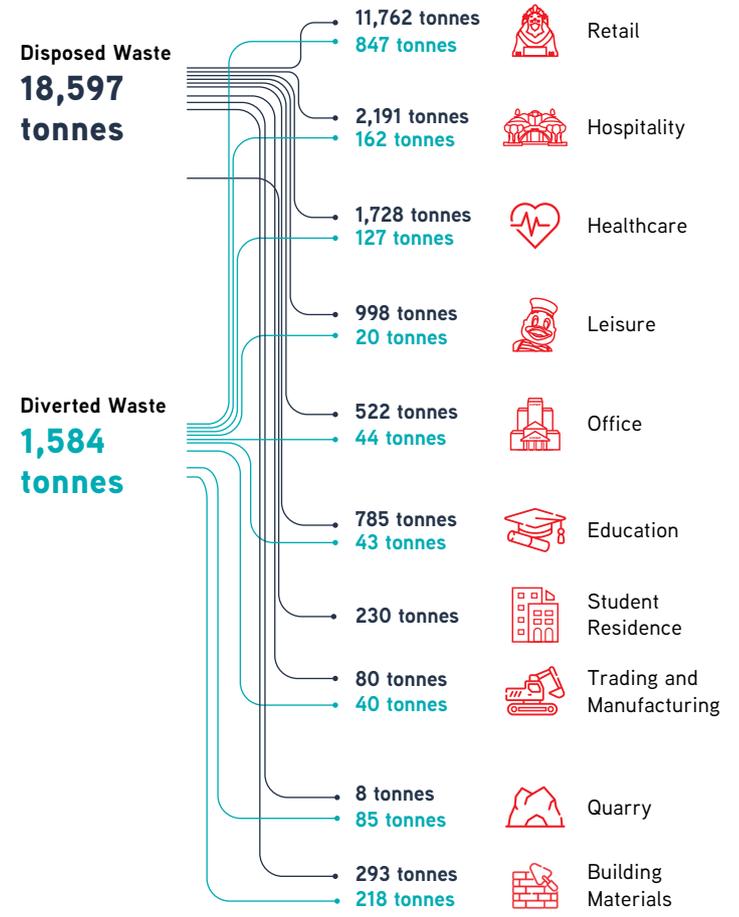
RESPONSIBLE DISPOSAL

We approach waste disposal after ensuring we have explored all avenues of reusing, recycling and recovery. Our waste disposal must be executed responsibly and fully compliant with local laws and regulations through our appointed contractors. Additionally, our scheduled waste is managed by licensed contractors and treated per the Environment Quality (Scheduled Wastes) Regulations.

For example, Sunway's Healthcare division's disposal of clinical waste and chemicals represents a pivotal aspect of our waste management strategy. We have engaged the services of a recognised and licensed vendor for clinical waste disposal. The waste is meticulously disposed of in designated areas that are in full compliance with the Department of Environment (DOE) regulations and guidelines.



TOTAL WASTE GENERATED BY BUSINESS DIVISION (TONNES) IN 2023



TOTAL: 20,182 tonnes

Scheduled waste*
919 tonnes

Note: Figures stated may not add up due to rounding of decimals.
* Scheduled waste includes hazardous waste, clinical waste, chemical substances, etc

POLLUTION CONTROL (SEDIMENT, EFFLUENTS, AIR EMISSIONS AND NOISE)

In safeguarding the environment, we ensure that our business divisions comply with the Environmental Quality Act 1974 and monitor their effluents, air and noise emissions to assess conditions, the effectiveness of our initiatives and adherence to regulations.

Our Property Development, Quarry and Building Materials divisions implement measures for monitoring and regulating the quality of their effluents, air emissions and noise levels as the inherent nature of their operations possess higher risks of impacting the environment. This is carried out periodically, some at higher frequencies in certain locations. In the event of any potential non-compliance issues, immediate actions are taken to rectify the situation. We meticulously document all received complaints, if any, and maintain detailed records of investigations and the corresponding corrective measures.

To minimise potential adverse impacts to the environment, we:

- Adhere to local regulatory requirements
- Conduct regular monitoring and inspection
- Implement prevention and mitigation actions

Best practices conducted at sites to ensure preventive and mitigation actions are conducted:

	 Property Development	 Quarry	 Building Materials
Sediment	Execute Erosion Sediment Control Plan: <ul style="list-style-type: none"> ✔ Channel water from sites into on-site drains leading to silt traps or filters before release. ✔ Minimise the risk of trapped sediment and chemical spills through the establishment of bunds, spill traps, and sediment tanks at sites. ✔ Prevent sediment run-off by shielding exposed slopes with roofs or plastic covers. 	<ul style="list-style-type: none"> ✔ Prevent interaction between groundwater, surface water, and mine faces. ✔ Divert stormwater away from quarry operations. ✔ Reduce earthwork activities during heavy rainfall. ✔ Utilise hydroseeding for erosion prevention. 	<ul style="list-style-type: none"> ✔ Not relevant.
Effluents	<ul style="list-style-type: none"> ✔ Not relevant. 	<ul style="list-style-type: none"> ✔ Ensure wastewater is treated and safe for discharging to prevent pollution. 	<ul style="list-style-type: none"> ✔ Manage and ensure effluent discharge remains within acceptable limits by utilising filter membranes.
Air Emissions	<ul style="list-style-type: none"> ✔ Set up wash troughs to prevent dust pollution from vehicles. ✔ Conduct water browsing to reduce dust particles emitted from construction works. 	<ul style="list-style-type: none"> ✔ Disallow open burning at all work sites. ✔ Impose a speed limit and install warning signs at sites. ✔ Deter dust particle pollution from lorries by utilising load covers. 	<ul style="list-style-type: none"> ✔ Ensure regular maintenance routine for air filters. ✔ Frequent observation of material transfer process to maintain functional filters and prevention of dust leakage.
Noise Pollution	<ul style="list-style-type: none"> ✔ Ensure vehicles move within the speed limits to avoid noise pollution. 	<ul style="list-style-type: none"> ✔ Place silencers on equipment and screen houses. 	<ul style="list-style-type: none"> ✔ Build insulators and containment compartments for machinery.



GOAL 2

ADVOCATING A RESPONSIBLE VALUE CHAIN

79 Embedding Sustainability in Our Supply Chain
 88 Conducting Business Responsibly

CAPITAL



Social and Relationship



Natural

MATERIAL ISSUES

- Value chain improvement

ACTIVITIES

- Supplier Code of Conduct
- Sustainable Procurement Policy
- Supplier environmental and social risk assessment
- Sustainable materials
- Green lease partnership programme
- Customer satisfaction survey

VALUE CREATED

- Sustainable value chain
- Collaboration with stakeholders
- Minimal negative environmental and social impacts
- Maintaining good product & services' quality and safety



- Transformation 6: Energy Decarbonisation and Sustainable Industry



Ensuring a sustainable supply chain is crucial in our pursuit of creating value. Sunway is dedicated to promoting sustainable procurement practices and fostering ESG awareness among suppliers, vendors, tenants and customers to uphold a responsible value chain. Additionally, the Group incorporates digitalisation into its supply chain to ensure seamless and efficient daily operations.

EMBEDDING SUSTAINABILITY IN OUR SUPPLY CHAIN

GRI 2-6, 2-16, 3-3, 204-1, 301-1, 301-2, 301-3, 308-1, 308-2, 407-1, 408-1, 414-1, 414-2

Although the global supply chain may have recovered from the COVID-19 crisis, the effects of climate change, such as floods and droughts, continue to disrupt it. As such, stakeholders are urging corporate organisations to embed sustainability in their supply chains to reduce industries' overall ecological impact and help slow global temperature rise¹. In Malaysia, small-to-medium enterprises (SMEs) play a significant role in the country's supply chains, forming 97% of the country's economy². Given this, Capital Markets Malaysia, an affiliate of the Securities Commission Malaysia, launched the Simplified ESG Disclosure Guide (SEDG) in 2023 to support SMEs in adopting sustainability practices and guide them in their ESG disclosures.

At Sunway, we are cognisant of the challenges SMEs face in adopting sustainability practices and disclosing their ESG performance. Thus, we collaborate with our suppliers and vendors through programmes and partnerships that not only educate them about sustainability, but will also contribute to decarbonising our supply chain. For instance, we are integrating the ESG disclosure requirement from the SEDG into our Supplier Risk Assessment. We aim to create an ecosystem that encourages SMEs to join us in establishing a sustainable supply chain that is environmentally and socially responsible.

In the year under review, we spent **85%** of our procurement budget on local suppliers for all Sunway business divisions' operations in Malaysia.

SUPPLIER RISK MANAGEMENT

Through our Sustainable Procurement Policy and Supplier Risk Assessment, we advocate for our suppliers to adopt our sustainability initiatives.



¹ Sustainability in the supply chain is the need of the hour: <https://www.entrepreneur.com/en-in/news-andtrends/sustainability-in-the-supply-chain-is-the-need-of-the-hour/450611>

² Enabling SMEs to be a catalyst to advance Malaysia forward: <https://www.thestar.com.my/business/business-news/2023/02/09/enabling-smes-to-be-a-catalyst-to-advance-malaysia-forward#:~:text=To%20improve%20innovation%20capabilities%2C%20the,that%20provide%20funding%20to%20SMEs.>

FACILITATING SMEs IN EMBRACING ESG

SEDG | Simplified ESG
Disclosure Guide

Navina Balasingam
General Manager
Capital Markets Malaysia

Capital Markets Malaysia (CMM), an affiliate of the Securities Commission Malaysia (SC), unveiled the Simplified ESG Disclosure Guide (SEDG) for SMEs in Supply Chains in October 2023. This groundbreaking initiative positioned Malaysia as the global pioneer in offering small-to-medium enterprises (SMEs) within global supply chains a streamlined and standardised set of guidelines for environmental, social and governance (ESG) disclosures.

The SEDG consolidates and simplifies the numerous complex global and local ESG-related frameworks, primarily enhancing the availability of ESG data and information by SMEs. Aligned with various global, local and government frameworks and reporting standards, including the Global Reporting Initiative (GRI), the International Sustainability Standards Board (ISSB), the Bursa Malaysia (Bursa) Listing Requirements, Bursa's Sustainability Reporting Guide, as well as the Malaysian Code on Corporate Governance (MCCG), the SEDG ensures consistency and compatibility across platforms.

At the core of our motivation to develop the SEDG is the recognition of the urgent need to prepare Malaysian SMEs in supply chains to meet the ESG data requirements coming from their various stakeholders – primarily customers that have set net zero or science-based targets. We are pleased that Sunway Group stands as one of the pioneering adopters of the SEDG to assist SMEs make ESG disclosures at Basic, Intermediate and Advanced levels.



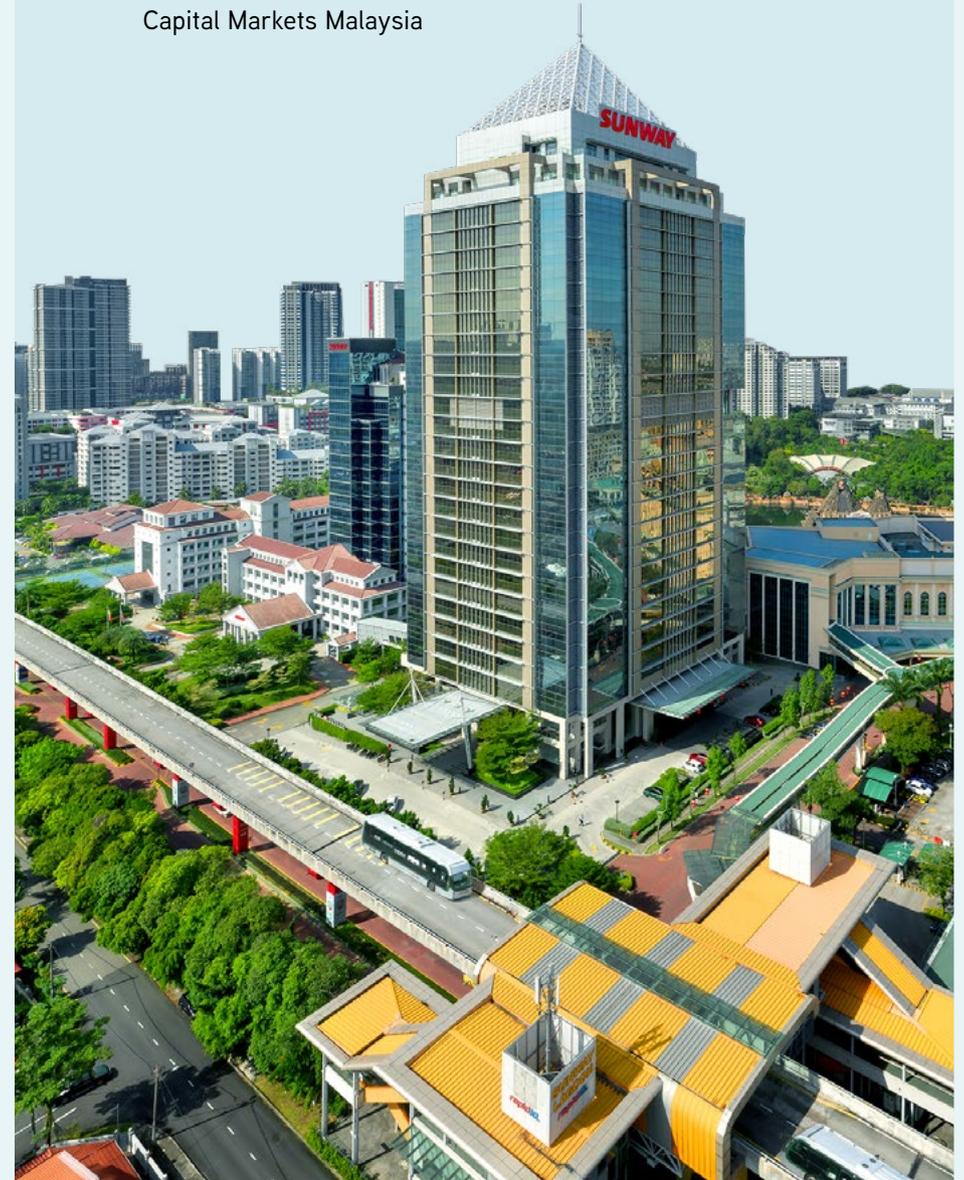
The Group will embark on a journey to support its SME suppliers and vendors adopting the SEDG's 35 recommended disclosures by integrating the indicators into its Supplier Risk Assessment in phases. The Group aspires for its suppliers to disclose a minimum of Basic disclosures by 2025 and meet the Advanced disclosure requirements by 2027.



CMM is heartened to note that Sunway, with its large value chain, will be rolling out the SEDG across its **8,000 suppliers** through the Group Procurement and to their tenants under the **Green Lease Partnership programme**.

In addition to its proactive role as an Adopter of the SEDG, Sunway also plays a role as an advisory panel for SEDG to provide valuable feedback to CMM to enhance subsequent versions of the SEDGs. CMM is very pleased to be able to support Sunway's efforts by providing complimentary access to SEDG workshops and tutorials to their SME tenants, suppliers and vendors.

Sunway Berhad is an
Early Adopter
of the SEDG by
Capital Markets Malaysia





EMBEDDING SUSTAINABILITY IN OUR SUPPLY CHAIN

DECARBONISING THROUGH SUSTAINABLE SUPPLY CHAIN

Many organisations are increasingly prioritising the reduction of their Scope 3 emissions, including those generated through the entire upstream and downstream segments of their value chain. However, tackling Scope 3 emissions can be challenging, as it includes carbon accounting and tracking practices. It involves multiple stakeholders within the supply chain and the need to collaborate with customers, supply networks and industry groups to be always aware and cognisant of their sustainability journey.

We are cognisant of the complexity it involves, the timeframe and the constant stakeholder engagement that it requires. We are prepared to deliver on our commitment to ensure the sustainability of our supply chain in the term. Our approach is focused on raising awareness of eco-friendly practices and promoting decarbonisation.

UPSTREAM: SUPPLIERS

Purchase of Eco-label Products

Sunway Malls source toilet paper exclusively from FSC-managed forests and FSC-certified mills. This dedication contributes to the preservation of a sustainable cycle, ensuring responsible harvesting and replanting practices that uphold the ecological balance of the forests.



In 2023, more than **231 million** sheets of paper purchased were FSC-certified

OPERATIONS

Embodied Carbon Emissions

The European Union (EU) has launched the first phase of the Carbon Border Adjustment Mechanism (CBAM) in October 2023 to impose CO2 emissions tariffs on certain goods and selected precursors whose production is carbon intensive and at the most significant risk of carbon leakage, including cement, iron and steel, aluminium, fertilisers, electricity and hydrogen. EU importers of these goods are required to report on the volume of their imports and the greenhouse gas emissions embedded during their production. The transitional phase, from 2023 to 2025, will serve as a learning period for all stakeholders involved. Starting in 2026, importers would have to purchase CBAM certificates to offset embodied emissions in imported goods.

At Sunway, we established an embodied carbon emissions roadmap to guide us in the declaration of the Product Carbon Footprint (PCF) for our Building Materials and Quarry products by 2024. Subsequently, we will declare the Environmental Product Declaration (EPD) to ensure that our products have minimal negative environmental impacts.

Sustainable Construction Materials

In our journey towards constructing sustainable and green developments, buildings and townships, we integrate sustainable construction materials into our developments. Sustainable buildings are the future of construction, as they have minimal environmental impact and lower cost of building operations.

We use alternative materials that are environmentally friendly, such as recyclable raw materials, which also reduce the carbon footprint of material sourcing and ensuring the durability of the materials.

100% projects use green and/or recycled materials in ongoing developments

Certified green building products have also been selected when choosing materials and fittings for development. These include waterproofing, skim coating, timber flooring and the materials used for the ceiling, tiles, paints, pavers and others. The usage of these materials vary with the different developments.

Sustainable Products

Within our Building Materials division, we integrate an innovative selection of environmentally conscious products that adhere to eco-friendly label standards, such as SIRIM ECO 023:2016 and SIRIM ECO 033:2019. All our building materials strictly adhere to the specifications outlined in MS1380, MS1314 and MS1601.

Furthermore, our operational sites for the Building Materials division have earned ISO 9001 and ISO 14001 certifications, underscoring our commitment to delivering products, services and systems of exceptional quality, safety and efficiency.

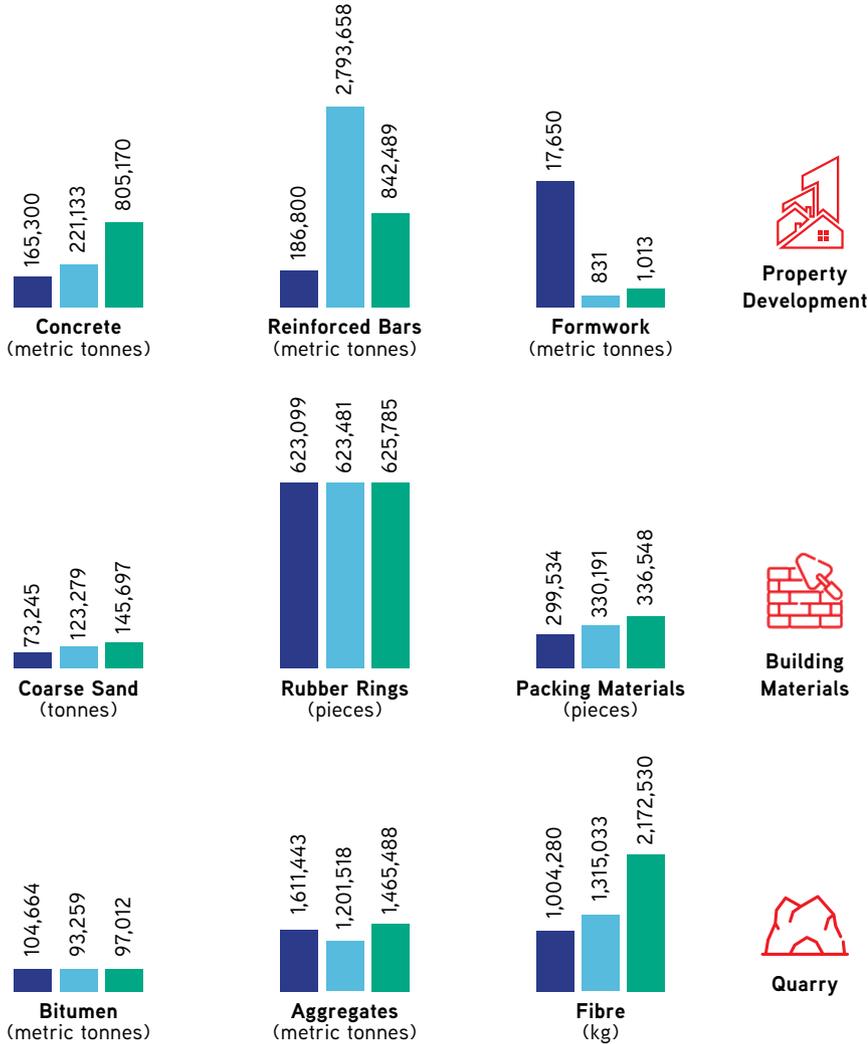
Our eco-friendly offerings include Environmental Pavers, which is recognised as a MyHIJAU green-certified product in Malaysia. It holds the prestigious Green Label certificate in Singapore. Another noteworthy product is NeuPave, a water-permeable paver designed to mitigate flooding, encourage groundwater recharge, and prevent soil erosion.



DOWNSTREAM: CUSTOMERS

TOP MATERIALS USED IN 2023

2021 2022 2023



Green Lease Partnership Programme

The Retail, Hospitality, and Office divisions actively participate in the programme to promote adopting international best practices in sustainability. The programme seeks to drive sustainable solutions through behavioural change, contributing to Malaysia's commitment to achieving net-zero carbon emissions by 2050.

The programme will enable Sunway to reduce its overall management costs of buildings, boost its value due to green building assets, and increase its appeal to ESG-focused investors. This reflects the pertinence of working closely with our tenants through collaborations and partnerships to minimise our environmental footprint and adopt responsible resource management as we advance towards our path to net zero.

Through this avenue, the Office and Retail divisions have proactively developed tenant design and fit-out guidelines, providing tenants with clear steps to incorporate essential green building code requirements like energy efficiency and water conservation measures.

In 2023, the programme garnered the participation of:

- 100% hotel master lessees
- 82% retail and office tenants



Sustainability Collaboration Alliance Network (SCAN)

Sunway Malls launched SCAN to encourage environmentally responsible practices within the retail industry in August 2023. It consists of a 3-tier learning programme to bring sustainability awareness to stakeholders within the retail industry. We are setting a benchmark and calling for other retailers and retail centres to incorporate sustainability into their core strategies, creating an environmentally responsible future.





BEING RESPONSIBLE FOR OUR CARBON FOOTPRINT



Written by:
Shaowen Lee
Sunway Group
Brand Marketing &
Communications

The year 2023 saw the hottest year in history, and climate scientists have predicted that 2024 will be even hotter. To keep climate change at bay and limit global warming, the world must reduce carbon emissions by 45% by 2030 and reach net zero carbon emissions by 2050.

To meet these ambitious emission reduction targets, the European Union (EU) introduced the Carbon Border Adjustment Mechanism (CBAM), to tax embodied carbon.

WHAT IS EMBODIED CARBON?

Embodied carbon refers to the emissions released during a good's production, installation and transportation stage – calculated during the life-cycle stages from raw material extraction, transportation, manufacturing, construction, maintenance, renovation, and end-of-life for a product.

Embodied carbon is different from a business's operational carbon, which comes from lighting, heating and cooling, as well as the operations of other infrastructure, such as lifts and automatic doors of a building. These are emissions measured from the energy consumption from the ongoing operation of the business premise itself.



Please scan the QR code to read more about Being Responsible for Our Carbon Footprint



BEING RESPONSIBLE FOR OUR CARBON FOOTPRINT

As an example, the amount of embodied carbon a building eventually retains can be reduced during the initial design and planning stages, with materials produced and transported to incur minimal carbon emissions. However, the embodied carbon of an existing building cannot be removed, which is why emphasis is placed on a sustainable building design.

DRIVING NET ZERO WITH CBAM

The EU introduced CBAM in 2023 as its landmark tool to fight carbon leakage; where companies relocate emissions-intensive activities to countries with less ambitious emissions reduction policies to avoid paying carbon taxes.

The CBAM monitors the embodied carbon of all goods entering EU countries and ensures that the carbon price of imports is equivalent to the carbon price of domestic production in the EU.

In its transition phase from 1 October 2023 to end of 2025, CBAM requires importers to report the embodied carbon of carbon-intensive goods such as iron and steel, cement, electricity, fertilisers, aluminium and hydrogen.

The transition phase will serve as a learning period for all stakeholders (importers, producers and authorities), and allow the collection of helpful information on embedded emissions required to refine the methodology during the said period.

After the transition phase in 2026, stakeholders will have to start paying for embedded carbon, and the EU will evaluate other high-risk products to be added to the list of carbon-intensive goods.

Around 2030 to 2032, when CBAM is fully implemented, importers must compensate for the emissions by purchasing and handing over CBAM certificates.



While CBAM mainly affects highly industrialised countries such as Russia, Turkey and China, the EU has the largest network of trade agreements in the world, with a total of 74 countries, accounting for 44% of all EU trade and a significant trading partner for major Asian and Southeast Asian economies.

The CBAM pressures non-EU countries' economies, pushing businesses to innovate to reduce their carbon emissions for a more sustainable industrial production.

WALKING THE TALK

Sunway remains at the forefront of leading efforts towards decarbonisation, in line with our vision to be Asia's model corporation in sustainable development and our commitment to achieve net zero by 2050.

To drive progress towards net zero, Sunway became the first in Malaysia and among the first in Southeast Asia to implement an internal carbon pricing framework in 2021.

To further advance the agenda and prepare ahead of CBAM's full implementation, we are **collecting embodied emissions data** of products manufactured by Sunway Building Materials Group and Sunway Quarry.

This data can then establish Product Carbon Footprint (PCF) to assess each product's environmental impact by defining a baseline and providing a benchmark for its embodied carbon against industry guidelines and peers.

In line with Sunway's commitment to transparency, PCF will also enable our progress towards Environmental Product Declaration (EPD). This independently verified and certified document provides transparent and comparable information about a product's life-cycle environmental impact.

Reporting parameters for our building materials and quarry divisions include global warming potential, renewable energy use, and net freshwater.

A NET ZERO FUTURE TOGETHER

In a future where carbon accountability isn't just a choice but a baseline, businesses need to be prepared to effectively address the challenges of reducing carbon emissions.

Sunway recognises that sustainability is a journey that takes a collective effort, and we encourage our supply chain members to start taking bolder actions in monitoring, disclosing and reducing their carbon emissions.

After all we are all in this together.



EMBEDDING SUSTAINABILITY IN OUR SUPPLY CHAIN

DIGITALISING OUR VALUE CHAIN

Digitalisation in the supply chain refers to the integration and utilisation of digital technologies to enhance and streamline the various processes involved in the production, distribution, and delivery of goods and services. This transformative shift towards digital solutions has far-reaching implications for the supply chain management, offering numerous benefits to businesses across different industries. We are gradually replacing manual processes throughout the supply chain with digital solutions to ensure a seamless experience of business activities throughout the supply chain.

Digitalising our value chain also facilitates better collaboration and communication among supply chain stakeholders. At Sunway, we have integrated digitalisation within the supply chain to improve data management, process integration, increase efficiency and enhance decision making. We also use technology-based platforms and collaboration tools to enable real-time sharing of information, fostering more effective coordination among suppliers, manufacturers, distributors, and retailers. This interconnectedness contributes to quicker response times and better decision-making.



UPSTREAM: SUPPLIERS

e-Procurement

Sunway's e-procurement system streamlines the electronic processing of all procurement-related approvals and documents encompassing purchase requisitions (PR), purchase orders (PO), and goods received.

Additionally, the system features e-catalogues for Sunway users, facilitating the electronic purchase of items. It supports pre-negotiated pricing, thereby minimising the time required for users to locate frequently purchased items. This enables different business divisions to collectively leverage the advantages of volume purchases.

e-Invoicing

Since 2015, Sunway has transformed the manual process of supplier paper invoice handling into an automated and paperless accounts payable (AP) process solution. Further enhancement and revolutionary change was introduced in 2019 when Robotics Process Automation was embedded in the automated AP process. As such, we now have a fully automated AP solution that integrates Sunway's enterprise resource planning (ERP) systems, enabling straightforward supplier invoicing and payment processing.

OPERATIONS

e-Applications

Our organisation established e-Applications to shift from conventional filing system to online platforms. This not only utilise rented space, but also increased productivity through seamless file retrieval systems as well as reduce the usage of paper.

Smart Parking System

The launch of the Sunway Smart Parking System in 2019 provides a cashless and ticketless parking experience within Sunway's premises in Sunway City Kuala Lumpur. Customers are provided with various digital payment options to pay for their parking tickets. These include mobile payment, the Sunway Super App, Touch 'n Go card or cash/card payment at Licence Plate Recognition (LPR) autopay stations.

Sunway XFarms: Smart Urban Farming

XFarms is an urban agricultural venture that employs soil-less smart farming systems to cultivate pesticide-free fresh produce. The harvested goods are packed in sustainable materials and cultivated in decentralised urban farms equipped with advanced Internet of Things (IoT) and exclusive precision farming technologies. XFarms aims to expand and manage sustainable farms near consumers, reduce carbon footprint, minimise food wastage, and prevent nutrient loss associated with intricate food logistics.

In 2023, a total of **6.6 million** pieces of parking tickets were avoided.

In 2023,

Education

- **>160 apprentices** trained
- **>1,135 people educated** through workshops
- **>1,440 hours** of teaching & training

Yield and Production

- **>58,000 kg** vegetables grown without pesticides
- **>64 varieties** planted

Environmental Impact

- **>2,960,530** food miles saved
- **>52,000** plastics prevented

Community Engagement

- **>8,000** families nourished
- **>4,000 kg** vegetables donated



DOWNSTREAM: CUSTOMERS

Hotels' Digital Transformation

Sunway Resort Hotel introduced an app to expedite check-ins and check-outs, reducing reception queues. The app supports e-payment, aligning with the Hospitality Group's vision of becoming a technology-enabled hospitality provider. Sunway Resort Hotel also launched Sunway Moments, an exclusive membership programme offering unparalleled benefits, including exceptional dining, accommodation, and lifestyle benefits.

Enhanced Data Management

Ultimate Framework

A comprehensive platform utilised by Sunway Property to consolidate all development costs and revenues in real-time throughout the typical stages of a project, fostering enhanced accuracy, productivity, and efficiency. This advanced system significantly elevates the capability for informed decision-making based on data.

Autodesk Construction Cloud (ACC)

Since 2022, Sunway Property has utilised the ACC as a single source of truth to run project management processes, including files and drawing management, work inspection, and site logs. The platform is utilised by more than 1,000 staff, workers, consultants and subcontractors. We can see development costs and revenues in real time throughout the typical stages of a project, fostering enhanced accuracy, productivity, and efficiency. This advanced system significantly elevates the capability for informed decision-making based on data.



Sunway Flora:

- Cloud Advocate of the Year by Autodesk – Country Winner



Sunway Belfield:

- The Asset Triple A Awards 2023 – Best Payments and Collection Solution
- Adam Smith Awards Asia 2023 – Best Sustainable Treasury Solution

Elevating Real Estate with Artificial Intelligence (AI)

By harnessing AI and machine learning techniques, Sunway Property uncover hidden data patterns, gaining insights into customer preferences and market trends. This data-driven approach not only helps identify customer needs but also provides valuable feedback to the team. AI enables us to adapt quickly to the changing market dynamics, ensuring they offer properties aligned with evolving customer demands. It also enhances our strategies, optimising marketing efforts, and creating seamless customer experiences.

eHousing Development Account (eHDA)

A collaboration between Sunway Belfield and HSBC, the eHDA withdrawal process enables the submission of supporting documents to be done digitally via HSBCnet, thus reducing the standard HDA manual withdrawal process involving hardcopies.

Sunway Super App

Sunway Super App is a loyalty programme that rewards customers with points and other special privileges on all spending from our participating merchants and selected Sunway businesses. Customers can enjoy privileges and redeem points at over 1,000 merchants at Sunway Malls, Sunway Theme Parks, Sunway Medical Centre, Sunway Education, Sunway Property and other Sunway businesses.



e-Commerce Platform for Hospitals

Sunway Medical Centre Velocity offers health screening packages via an e-Commerce platform, which allows consumers the option of Buy Now, Screen Later. It provides customers with an online appointment link for easy scheduling.



More than 2,200 health screening packages were sold in 2023, amounting to total sales of approximately **RM2 million.**

Digitalised Customer Experience

Sunway Booking System

In 2023, Sunway Property introduced an innovative online booking system for new project launches. It aims to provide customers with a seamless booking experience, making property acquisition easier and more accessible than ever before. With this cutting-edge system, customers can explore Sunway Property's latest offerings, property details, and take virtual tours from the comfort of their homes. This allows customers to place bookings online without physically visiting sales galleries.

Automation of customer billing and payment

Sunway Property continued implementing automated customer billing and payment procedures for the following services:

- e-Progress Billing
- e-Official Receipt (OR)
- e-Payment Reminder
- e-Statement of Account.





CONDUCTING BUSINESS RESPONSIBLY

GRI 3-3, 416-1, 416-2, 417-1, 417-2, 417-3

In ensuring responsible business conduct, we have put in place quality control systems to deliver world-class products and services. This enables us to maintain customer loyalty and trust, and boost our brand and reputation as a market leader.

For instance, our Property Development division is guided by the Sunway Quality Merit System (SQMS), an internal assessment based on the sampling of active trades during the construction of the main building works of a project. This assesses the quality of product workmanship at Sunway's ongoing construction projects, enabling the Group to deliver excellent delivery of projects. To maintain high quality control, the business division sets 80% and above as the benchmark score for each project. This means close monitoring and control of the quality of work for every project's structure, architecture and M&E installation. Due to its consistency in maintaining high quality control, all the completed projects assessed in 2023 scored an average of 82% in the Quality Assessment System in Construction (QLASSIC), an independent assessment that evaluates the quality of workmanship of building projects based on the Construction Industry Standard (CIS) 7 by CIDB.

In Quarry, the business division assesses plant quality and operator performance analysis using the online Quality Assurance and Quality Control (QA/QC) reporting system. The web-based tool allows laboratory users to enter and prepare test reports.

PRODUCT LABELLING

We ensure that information related to our products is labelled correctly, and educate our customers on the information in the product labels.

- 
Compliance
 Ensure compliance with industry standards by providing product certifications.
- 
Traceability
 Practice traceability by ensuring products are labelled with details such as serial number and date of manufacture.
- 
Communication
 Product information is communicated through brochures outlining the specifications of the products. Customers are also informed of our products during product presentations and factory visits. We also encourage customers to give their feedback on our products.

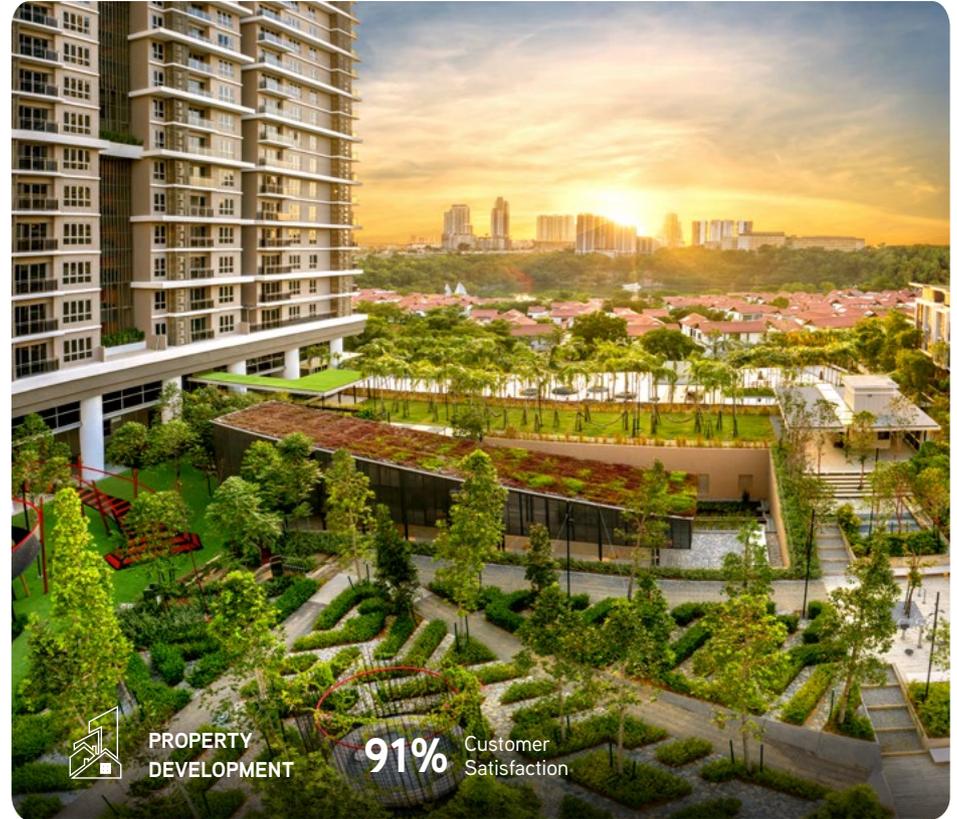
ZERO incidents of non-compliance concerning

- Health and safety impacts of products and services
- Product and service information and labelling
- Marketing communications

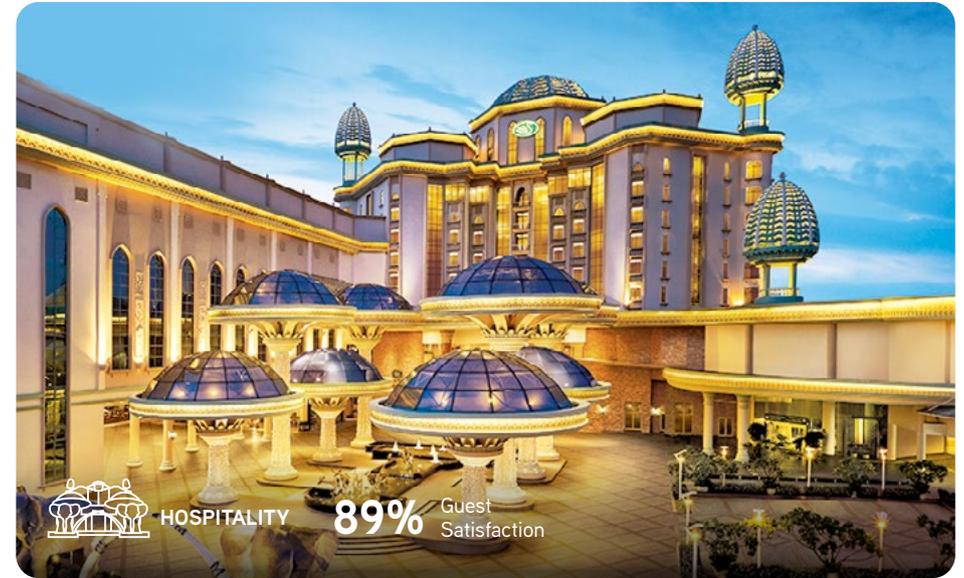


ESTABLISHING CUSTOMER SATISFACTION

Customer satisfaction continues to serve as a tool for us to improve our services and products. We gauge customer satisfaction through various channels across our business divisions, which provide us with insights into customer feedback. We will continue leveraging feedback channels to enhance customer service and offer innovative products and solutions that meet customer needs.



Sunway Property utilises the MySunwayProperty web portal that allows customers to access information on recent and upcoming projects, progress of project constructions and practical property management tools. This includes scheduling key collection appointments, accessing essential property documents, reporting defects and reviewing billing information. Customers can also enjoy exclusive rewards and promotions through the portal. It also serves as a channel to gather feedback from our customers. We also engage with customers via social media pages and toll-free line.



Sunway Mall’s endeavours in innovation have always been at the forefront of driving customer relations and business productivity. Our Customer Engagement Hub is optimised to include chatbots powered by Generative AI for quicker response time. Our RetailTECH system is optimised to ensure efficient asset management and preventive maintenance. It manages daily tasks such as tenant complaints, misconducts, inspections, permit applications, after-operation hour access, and announcements within the same platform.

The retail team conducts online surveys among mall shoppers annually through Sunway Malls Customer Relationship Management (CRM) to gain deeper insights into their sentiments.

Earning Tripadvisor's 2023 Travellers' Choice Award is more than just an accolade; it's a resounding validation of our hotels' excellence directly from satisfied guests. This prestigious recognition is a testament to our unwavering commitment to exceptional hospitality. It signifies that our efforts to curate unforgettable experiences, from luxurious comfort to attentive service, have genuinely resonated with our guests, propelling us to the pinnacle of traveller preference.

Guest satisfaction is also measured via feedback forms from hotel guests, TripAdvisor reviews, and the Global Review Index by ReviewPro. The Global Review Index is a tool thousands of hotels use as a benchmark for managing reputation worldwide.

International Customer Experience

- Overall Winner in the International CX Awards 2022
- Best Customer Experience in Crisis **Gold**
- Best Brand Experience **Bronze**
- Best Customer Experience **Bronze**
- Customer is the Heart of Everything **Bronze**
- Best in CX Innovation **Bronze**
- Best CX Strategy **Bronze**

Tripadvisor

TripAdvisor Traveller's Choice Hotel Awards 2023

- Sunway Resort Hotel
- Sunway Pyramid Hotel
- Sunway Lagoon Hotel
- Sunway Velocity Hotel
- Sunway Putra Hotel
- Sunway Hotel Georgetown
- Sunway Hotel Big Box
- The Banjaran Hotsprings Retreat

CONDUCTING BUSINESS RESPONSIBLY



Our office management team introduced a mobile app that streamlines service requests. With a few taps, tenants can submit their needs, ensuring prompt attention within the agreed-upon timelines outlined in their service level agreements. This commitment to convenience and efficiency reflects our unwavering focus on tenant satisfaction.

The tenant satisfaction is facilitated internally through various channels, including the Sunway Community App, internal distribution, QR Codes, and direct visits to tenants' offices. It is measured based on maintenance of facilities and amenities as well as service quality. These surveys are also carried out to gather feedback on tenants' needs, services, and property management to ensure continuous improvement of our services.



We ensure that our theme parks offer the Best Day Ever destination to our customers. With a wide range of attractions and activities, the theme parks offers various promotions to the customers throughout the year.

Trusted Brand Awards 2023
Family Theme Parks
Sunway Lagoon - Platinum

MyMalaysia Tourism Awards 2023
Tourist Choice Excellent
- Theme Park



Sunway Medical Centre has launched a mobile app to ease the appointment booking process and provide customers with the latest information related to the hospital. These include the list of medical services offered, promotions, and educational health videos.

The customer service unit within our Healthcare division has implemented a robust Feedback Management System to manage patient and visitor input. This system guarantees prompt responses, and our customer service team implements action plans to address all comments received.

To facilitate this process, our customer service department utilises the Customers Experience Management Platforms for Insights and Actions (CEMPIA). This sophisticated feedback management software system tracks and manages all responses. Additionally, feedback is collected through Google Review, overseen by the corporate communications department, and via customer service channels such as email and WhatsApp, which are conveniently accessible via our corporate website and managed by the dedicated customer service team.



- Sunway Medical Centre – Hospital of the Year
- Sunway Fertility Centre – Customer Service Initiative of the Year
- Sunway TCM Centre – Health and Wellness Initiative of the Year
- Sunway Medical Centre Velocity – ESG Programme of the Year



Parenthood Parents' Choice Awards 2023 - Best Cancer Centre
Sunway Medical Centre



Our Building Materials division has established an internal minimum standard scoring system to measure customer satisfaction in six areas. The score ranges from 1 to 5, with 1 being the lowest rating and 5 being the best rating. In 2023, the Building Materials division was able to exceed the internal benchmark set for customer satisfaction scores, as follows:

Business Division	Benchmark	Sunway Paving Solutions		Sunway Spun	Sunway VCP
		Pavers	Eurotiles	Pile	
Services and Support					
Criteria 1: Accessibility & contactability	3.5	4.7	4.5	4.3	N/A
Criteria 2: Follow-up action	3.5	4.7	4.4	4.2	N/A
Criteria 3: Response to complaint	3.5	4.6	4.3	4.3	N/A
Design Proposal					
Criteria 1: Meeting the dateline (10 working days)	3.5	4.4	4.2	N/A	N/A
Criteria 2: Meeting the design expectation (Quality of work and creativity)	3.5	4.4	4.2	N/A	N/A
Delivery Services					
Criteria 1: On-time delivery. For own collection - time taken for loading	3.5	4.4	4.2	4.2	4.6
Criteria 2: Drivers' attitude and cooperation	3.5	4.3	4.2	3.8	N/A
Packaging					
Criteria 1: Ease of handing	3.5	4.4	4.2	N/A	N/A
Criteria 2: Stability	3.5	4.3	4.1	N/A	N/A
Criteria 3: Protection of packaging	3.5	4.3	4.2	N/A	N/A
Product					
Criteria 1: Aesthetic appearance	3.5	4.5	4.3	N/A	N/A
Criteria 2: Consistency of quality	3.5	4.5	4.2	N/A	4.6
Criteria 3: Colour of product	3.5	4.4	4.2	N/A	N/A
Criteria 4: Dimension tolerance	3.5	4.4	4.2	N/A	N/A
Value for Price					
Criteria 1: As compared to direct competitors	3.5	4.0	4.0	4.0	N/A
Criteria 2: As compared to indirect competitors	3.5	4.0	4.0	N/A	N/A



GOAL 3

DEVELOPING A SAFE, EQUAL AND DIGNIFIED WORKFORCE

93 Connecting with Our Employees
 102 Protecting the Health and Safety of Our People

CAPITAL



Human



Social and Relationship

MATERIAL ISSUES

- Human rights
- Employee well-being

ACTIVITIES

- Human Rights Policy
- Employee well-being programmes
- Family-friendly policies
- Employee learning and development
- Employee health and safety

VALUE CREATED

- Diverse and talented workforce
- High-performing workforce
- Safe and conducive working environment



- Transformation 1: Education, Gender and Inequality
- Transformation 2: Health, Well-being, and Demography

At Sunway, we strive to cultivate a safe, equal and dignified workforce as they contribute to our organisation's overall success and sustainability. Our efforts have tangible benefits for the Group and Sunwayians, impacting employee well-being, boosting productivity, talent attraction and retention, ensuring legal compliance and strengthening our employee branding.

Our workforce reflects our identity, driving our operations towards our vision and goals. To this end, we focus on initiatives to protect our employees' health, safety and well-being, embed an inclusive culture and invest in the capabilities and skills of our high-performing talent. We also remain committed to safeguarding our partners, contractors, vendors and communities in areas where we operate.





CONNECTING WITH OUR EMPLOYEES

GRI 2-7, 2-16, 2-21, 2-25, 2-26, 2-30, 3-3, 202-2, 401-1, 401-2, 401-3, 402-1, 404-1, 404-2, 404-3, 405-1, 406-1, 407-1, 408-1, 409-1, 410-1, 411-1

At Sunway, employee engagement is crucial for understanding and addressing employee needs, ensuring job satisfaction and retaining high-performing talents. We are committed to protecting the rights of every employee without discriminating against gender, age, race, religion, nationality or cultural background across our operations. This encompasses aspects such as workplace health and safety, the right to decent work, freedom of association, equal opportunity and protection from discrimination. Moreover, we actively engage with our employees, using opportunities to align our actions with their expectations, thus creating sustainable value. Our goal is to instil a culture of dignity, inclusion, equity, respect and fairness among Sunwayians across all business divisions.

PROTECTING HUMAN RIGHTS

At Sunway, we prioritise workers' rights by ensuring operations adhere strictly to the Employment Act 1995 and all relevant labour laws in Malaysia. These laws underscore our commitment to principles that ensure the protection of human rights, encompassing fair working hours and equitable payment of wages without any form of discrimination.

Our commitment to human rights protection is further demonstrated through our implementation of the UN Global Compact (UNGC) Principles since 2012, alongside compliance with the UN Guiding Principles on Business and Human Rights. In our advocacy of social justice, we have embraced the International Labour Organization's (ILO) eight fundamental conventions. These conventions champion principles such as freedom of association, the right to collective bargaining, the prohibition of child labour, forced labour and discrimination in the workplace. We do not condone any form of child labour or forced labour, and we comply with anti-child labour laws in the countries where we operate. Upholding human rights remains integral to our operations, as reflected in our Human Rights Policy and Supplier Code of Conduct.

GRIEVANCE MECHANISM

Our grievance mechanism comprises an employee grievance procedure and whistleblowing hotline, which ensures a transparent and confidential process for addressing concerns related to the recruitment process or workplace issues. Employees and external stakeholders are encouraged to raise concerns or complaints regarding inappropriate behaviour, misconduct, fraud, corrupt practices, etc. These matters can be directed to our Head of the Internal Audit Department for prompt action and fair resolution.

Whistleblowing hotlines

+603 5639 8025

whistleblowing@sunway.com.my

HUMAN RIGHTS POLICY

In 2021, Sunway established a Human Rights Policy rooted in the principles of the Universal Declaration of Human Rights and the UN Guiding Principles on Business and Human Rights.

The obligation to uphold human rights extends to every employee in Sunway. The oversight of this Policy is led by the Board of Directors, Board Sustainability Committee, Group Internal Audit and Group Human Resources. The execution and management of this policy is the responsibility of the leadership within each business division.

Sunway employees must affirm that they have read and acknowledged the contents of the Policy. Additionally, an annual assessment regarding the policy is mandatory. The policy specifies our commitment to human rights, the implementation of our policy, the procedure for reporting grievances and emphasises our commitment in the following:

- Promoting Equal Opportunities across Sunway.
- Upholding Freedom of Association.
- Eradicating All Forms of Abuse and Harassment.
- Enhancing Health and Safety Measures.
- Eliminating Forced/Compulsory Labour.
- Protecting the Rights of Children.

Sunway Berhad Human Rights Policy:
<https://www.sunway.com.my/wp-content/uploads/2022/05/Sunway-Human-Rights-Policy.pdf>

In 2023, **17%** of our security personnel underwent human rights training



In 2023, we received

ZERO substantiated complaints regarding human rights violations

ZERO incidents of violations involving the human rights of indigenous people



CONNECTING WITH OUR EMPLOYEES

RESPECTING FREEDOM OF ASSOCIATION

Sunway respects the fundamental human right for freedom of association in its aim to create a fair, inclusive and collaborative work environment. Employees are encouraged to join or form groups, including labour unions, to collectively bargain for better working conditions, fair wages and other employment-related matters. We believe this will create a balanced and equitable relationship between employees and employers, contributing to a democratic and participatory organisational culture. Our commitment aligns with Malaysia’s Employment Act 1955 and other relevant labour laws, ensuring our employees have the liberty to choose their representatives.

The workers’ unions meet representatives from the management to review and update collective agreements. When necessary, negotiations and discussions are to be conducted within a three-month notice period. Decisions that may affect employees due to operational changes will be made individually.

In 2023, four of our companies upheld their collective bargaining agreements.

Company	Name of Union	% of Employees Covered
Sunway VCP	Non-Metallic Mineral Products Manufacturing Employees’ Union	29%
Sunway Lagoon Club	Club Employees Union Peninsular Malaysia	60%
Sunway Hotel Georgetown	National Union of Hotels, Bar & Restaurant Workers Peninsular Malaysia	57%
Sunway Hotel Seberang Jaya		57%

CARING FOR THE WELL-BEING OF OUR PEOPLE

Sunway is committed to safeguarding the well-being of its employees by instilling a culture that promotes physical, mental and social health. We provide various health and wellness programmes, such as regular health check-ups, fitness classes and mental health support services. Additionally, we offer learning and development opportunities to enhance employees’ skills and capabilities, along with flexible working arrangements to support work-life balance. As a caring employer, we recognise the significance of a safe and inclusive work environment where employees feel appreciated and respected. We believe that a content, fully engaged and healthy workforce is the key to the productivity, success and growth of our organisation. To this end, employee well-being is our top priority as it enhances employees’ focus and motivation at work and creates a positive and supportive workplace culture.

HEALTH AND WELL-BEING INITIATIVES

In 2023, we maintained our priority in employees’ health and well-being through a wide range of programmes organised by the Group Human Resources department, including health activities and talks that addressed health issues. The following are some of the initiatives that were organised during the year:

Employee Assistance Programme (EAP)

- A programme that has been in place since 2020 that provides mental health support to employees, helping them manage stress, health issues, financial problems, and other personal concerns
- Offers a 24/7 hotline that ensures full confidentiality of employees
- Includes the support of professional help from registered and qualified clinical psychologists, health psychologists and counsellors from The Mind who provide therapy and counselling. All the clinicians are registered with either the Counselling Board of Malaysia, or the Malaysian Society of Clinical Psychologists

Health Talks

Monthly virtual health talks organised by Group Human Resources, featuring doctors from Sunway Medical Centre. These talks were aimed at raising awareness and educating employees on issues such as the prevention, diagnosis and treatment of common illnesses. Some of the topics included:

- Putting Perspective on Women’s Cancer
- Common Upper Gastrointestinal Diseases
- Managing Low Back Conditions and Low Back Pain
- Your Knee Health Matters
- Preserving Vision: Managing Eye Injuries & Strabismus
- Navigating Mental Health in the Workplace





EMPLOYEE BENEFITS

Employee benefits play a key role in attracting and retaining talents, promoting a positive work environment and contributing to the success of our organisation. As such, we provide an attractive benefits package to express our appreciation for employees and to compensate them for their hard work and dedication. Additionally, our benefits extend support to employees' families, health and financial futures, contributing to talent retention and attraction.

WORK + LIFE INTEGRATION

Employee Health Screenings

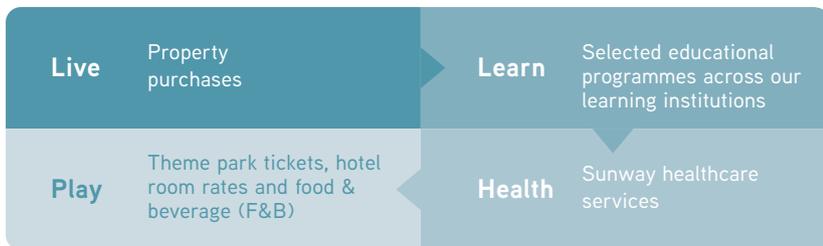
- Employee health screenings are offered at both the Group function level and in selected business divisions
- Sunway Group executives with a minimum of six months of service can participate in the Health Screening Programme as per the following:
 - Below 40 years of age: Once every two years
 - 40 years of age and above: Once a year
- The Health Screening Programme is also accessible to all confirmed non-executive employees of Sunway Group who have completed a minimum of six months of service and are aged 40 years and above. They may undergo the Health Screening Programme once a year and are eligible to apply for a subsequent health screening one year from the date of their last health screening

Kelab Sosial Sunway (KSS)

- KSS is a social platform for employee engagement and provides Sunwayians with opportunities to contribute to society. Employees can take part in various activities, such as:
- CSR Activities
 - Health Talks
 - Sports and Recreational Activities
 - Online competitions
 - Domestic and overseas holiday trips

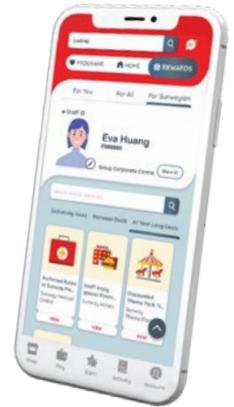
Staff Discounts

- As co-investors in our integrated communities, we oversee the management of our assets within them
- We promote the involvement of Sunwayians in the communities they serve, nurturing a healthy, safe and well-connected environment for living, learning, working and playing. As such, our employees are entitled to staff discounts on the following:



Perks@Sunway: A World of Benefits at Your Fingertips

In 2023, we unveiled Perks@Sunway, powered by the Sunway Super App. It encapsulates the essence of being a Sunwayian, regardless of your location. This all-encompassing platform is crafted to be the premier app for all Sunwayians, providing numerous benefits like points, rebates, discounts, exclusive events and more across various Sunway industries. We recently launched an improved UI featuring an e-staff ID for convenient shopping, especially on weekends. Future enhancements are in the pipeline, including milestone and success celebrations, spot awards and incentives, improved business division synergies and flexible perks.



Flexible Working Arrangement

We offer employees the option of Flexible Working Arrangements to allow them to have better work-life balance. This is subject to the criteria specified in the Flexible Working Arrangements Policy, which aligns with recent amendments to the Employment Act 1955.

FAMILY-FRIENDLY POLICIES

Childcare Subsidy

- Sunway offers partial tuition fee subsidies for employees' children attending R.E.A.L. Kids Sunway, The Parenthood and Sunway Little Sunshine
- This subsidy is applicable for up to two children per family, with a maximum of RM200 per month per child
- Childcare subsidies amounting to a maximum of RM2,400 are exempted

Supporting Working Mothers

- Designated car parks and security escorts are provided to ensure the safety of expectant mothers
- Mother's room is available at Menara Sunway to accommodate working mothers.

Leaves

- Annual Leave
- Emergency Leave
- No-Pay Leave
- Maternity Leave
- Paternity Leave
- Extendable Maternity Leave
- Medical/Hospitalisation Leave
- Prolonged Illness Leave
- Special Leave (e.g. compassionate leave, marriage leave, parental/childcare leave, etc.)



CONNECTING WITH OUR EMPLOYEES

ELEVATING EMPLOYEE EXPERIENCE

Employee experience is vital as it influences various aspects of Sunway, including our performance, culture and overall success. Sunway is deeply committed to setting the standard for sustainable leadership, management, and people practices. Our steadfast pursuit of excellence has led to pioneering strategies for engaging with our employees. We acknowledge that our employees are the bedrock of our success, and their well-being is pivotal to our achievements.

Embracing Employee Experience

Our commitment to employee experience is a fundamental element of our strategic approach. We strive to establish a unified and continuous employee experience that reflects our brand identity. Enhancing employee experience has made significant improvements across various facets of our organisation, providing our employees a seamless, brand-aligned experience. This allows us to foresee industry trends, explore novel work approaches and ensure that our team can adopt innovative and flexible practices.

MySunwayJourney: Connecting, Engaging, and Expanding Horizons



- #MySunwayJourney is our flagship event and HR Open Day, celebrating our collective Sunway journey. The event signified a milestone in our commitment to improving engagement.
- Hosted by the Group HR team with support from the broader Sunway HR Community, #MySunwayJourney offers a vibrant tapestry of activities, including wellness and employee-related talks branded as WorkLife360.
- Virtual broadcasts were also made accessible to those outside Sunway City Kuala Lumpur, breaking geographical boundaries. The positive response has inspired us to craft even better and more engaging events in the future as we journey together.

MyVoice: The Gateway to Real-Time Insights



- In 2023, we launched MyVoice, an innovative platform revolutionising employee feedback. MyVoice analyses insights from previous engagements, empowering Sunwayians to voice their opinions and be part of decision-making.
- MyVoice's real-time insights enable swift responses to evolving employee needs, allowing us to develop actionable strategies for positive change.
- We believe MyVoice will strengthen our commitment to an inclusive environment where every voice is heard and valued, elevating employee feedback to new heights for organisational success

Engaging Sunwayians through Effective Communication



- In our drive to boost employee engagement, effective communication is essential. Keeping Sunwayians connected is vital to our shared success, so we introduced GHR Updates – a monthly newsletter to bridge the communication gap and foster a stronger sense of belonging.
- The newsletter features critical articles, updates and initiatives, and the latest offerings at Perks@Sunway to keep our team informed, engaged and excited about Sunway Group opportunities.
- We plan to boost readership and engagement through adaptive communication strategies. Sunwayians can expect exciting updates as we collaborate to create a vibrant and connected community within Sunway Group.

A GOLD STANDARD FOR EXCELLENCE



Our commitment to nurturing a dynamic workplace has been recognised with the Gold Award for Employer of The Year at Malaysia's HR Excellence Awards 2023. This accolade acknowledges organisations that excel in HR management, enhancing employee satisfaction, productivity, and retention. It reinforces our commitment to instilling a positive workplace culture, implementing effective talent management, development strategies, and prioritising employees' well-being and safety.





CULTIVATING LEADERS FOR THE FUTURE

Continuous learning is a lifelong journey, and our commitment lies in enhancing the skills and development of our employees, driving them forward in their careers. Equipping our workforce with essential skills and capabilities is paramount to boosting their performance and productivity, fostering an adaptable and agile team. Broadening our employees' skill sets is imperative to maintaining our competitive advantage in the ever-changing business environment. Our persistent efforts will cultivate a generation of forward-thinking, motivated employees, ensuring they remain relevant and contribute significantly to our performance and growth.

In 2023, we invested over **RM12.2 million** in employees' learning and development programmes.

SUNWAY LEADERSHIP COMPETENCIES

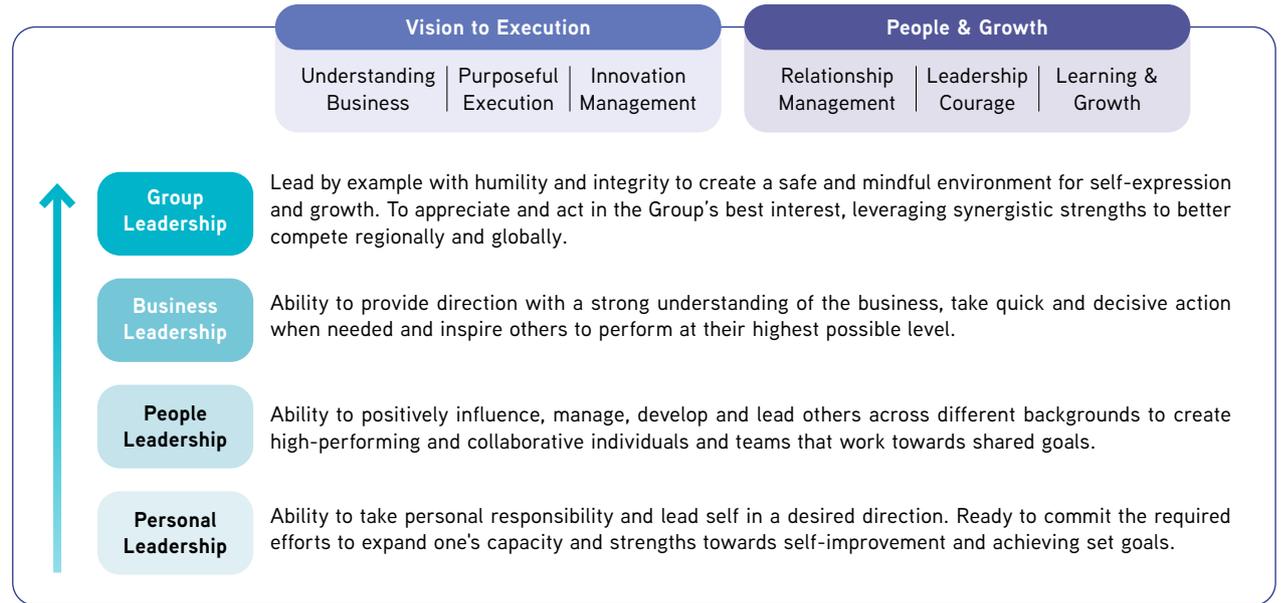
In 2023, Sunway has updated the Sunway Leadership Competencies, acknowledging the evolving workforce and the need for new skills to navigate the current volatility, uncertainty, complexity and ambiguity (VUCA) world. In alignment with transformation plans and goals for 2030 and beyond, the revision considered the leadership competencies essential for accomplishing organisational goals.

The Sunway Leadership Centre has developed a series of developmental programmes that align with the competencies, as shown in the figure below. These programmes cover eLearning, classroom learning and simulations, which will be shared with employees in subsequent communications. The rollout schedule was made available in the monthly learning calendar disseminated by Sunway Leadership Centre. In addition to these learning programmes, we encourage employees to undertake stretch assignments and projects that provide practical opportunities to develop these opportunities.

FUNCTIONAL AND TECHNICAL TRAINING SESSIONS

Training is vital to fill skill gaps, enhance job performance and efficiency, enable adaptability and innovation and improve risk mitigation. In 2023, we continued to enhance employees' capabilities through ongoing training programmes, encompassing core functional and technical aspects. These programmes included training on standard operating procedures (SOPs) as well as function-specific training tailored to individual roles and job specifications

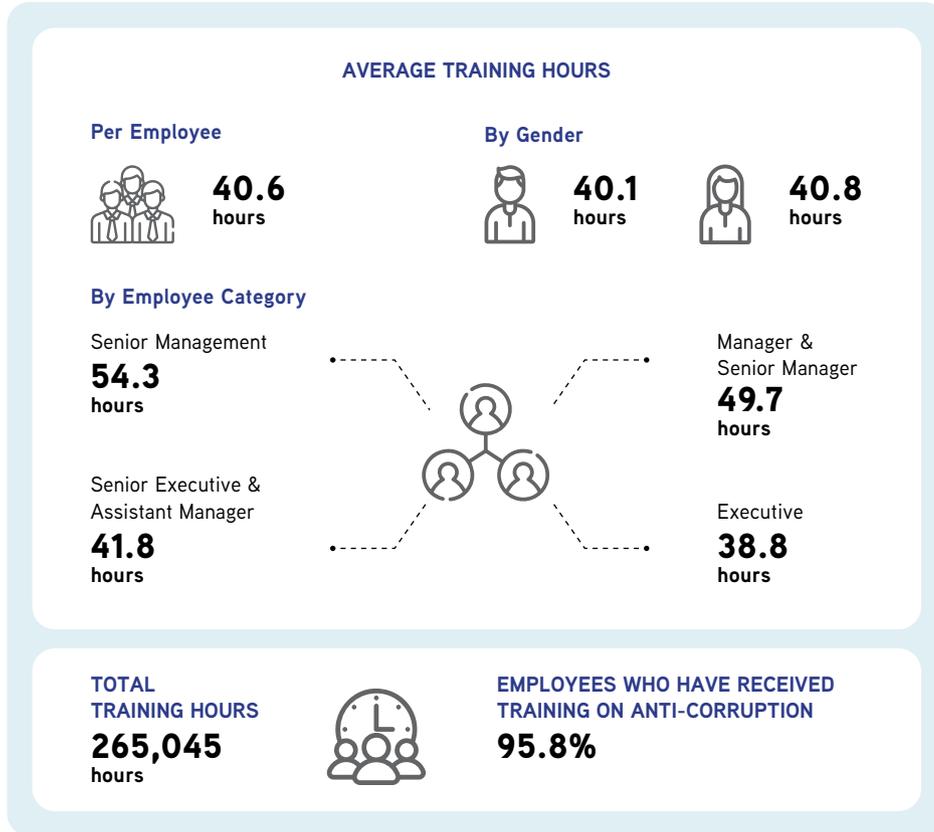
Additionally, all employees are required to attend annual training sessions on Group corporate policies. At the end of each session, employees undergo an assessment to confirm their understanding and commitment to adhering to all policies.



Core Functional and Technical Training Programmes	Compulsory Annual Training on Mandatory Policies
<ul style="list-style-type: none"> • Customer Service Training • Functional Specific Training • ISO/Quality Assurance • Microsoft Training • Safety and Health Training • Standard Operating Procedure (SOP) 	<ul style="list-style-type: none"> • Anti-Bribery & Corruption Policy • Code of Conduct and Business Ethics • Conflict of Interest Policy • Human Rights Policy • Personal Data Protection Policy • Sunway e-Policy



CONNECTING WITH OUR EMPLOYEES



TALENT MANAGEMENT

Sunway strives to attract, develop, motivate and retain high-performing employees to build a sustainable competitive advantage and drive performance through integrated people management practices. We continue to track the progress of our pool of talents and ensure they continuously develop and improve their skills and capabilities. We retain and attract the best talents in the industry through:

- Yearly evaluation of salary structure according to industry practices
- Ensuring our total remuneration remains competitive, measured against market performance
- Striking a balance between performance bonuses, increments and benefits in our performance management strategy.



The performance of our employees is benchmarked through Sunway's MyPerformance, which includes one-to-one sessions between managers and employees and enables employees to give feedback throughout the year. MyPerformance also provides managers with a better understanding of employees' career goals and allows employees to regularly conduct self-evaluation assessments prior to their assessments by supervisors, business division heads and the President.

In 2023, **100%** of our employees received regular performance career development reviews.

Note: The figure for employees' performance review is based on the best available data.

Securing Our Talent Pipeline

In our commitment to ensuring the overall success and future resilience of our organisation, it is vital to establish a robust talent pipeline within the Group. This ensures we have a steady supply of high-performing and capable individuals, enhancing our adaptability, ensuring business continuity and providing us with a competitive advantage. Various initiatives have been implemented to secure talent, including providing job opportunities to the youth and grooming them as future leaders of Sunway.

At Sunway, we implemented the Sunway Management Associate Programme, designed to cultivate future leaders of Sunway Group in a structured, progressive, empowering and entrepreneurial environment. Moreover, internships are extended to students, providing them with valuable experience and exposure to help them navigate potential career paths. Students can gain hands-on experience through projects and explore career options through internship programmes available across our business divisions.





EMBRACING DIVERSITY

Our Group's Diversity and Inclusion Policy emphasises our commitment to creating a culture that values and respects differences. We do not condone any form of discrimination against race, religion, gender, age, disability and nationality and our work environment is free from any form of harassment, as outlined in Sunway's Code of Conduct and Business Ethics Policy. We ensure that our employees are offered equal opportunities, and we will continue to promote diversity in the workplace.

[Sunway Berhad Diversity and Inclusion Policy: https://www.sunway.com.my/wp-content/uploads/2021/12/Sunway-Diversity-and-Inclusion-Policy.pdf](https://www.sunway.com.my/wp-content/uploads/2021/12/Sunway-Diversity-and-Inclusion-Policy.pdf)

In 2023, there were **ZERO cases** of discrimination reported.

EMPOWERING WOMEN IN LEADERSHIP

We continue to empower women in our workforce and enable women in leadership roles as they have significant positive impacts, including providing motivation and leadership, and nurturing teamwork. In 2023, we continued to uphold women in leadership and fulfilled the requirement of having more than 30% female Directors on our Board as required by the Malaysian Code on Corporate Governance.

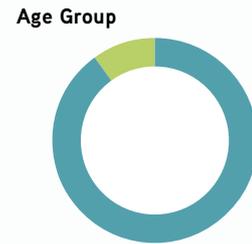
CREATING AN INCLUSIVE WORKFORCE

In 2023, Sunway City Kuala Lumpur Hotels onboarded two neurodiverse individuals with autism to support sustainable employment for persons with disabilities. Additionally, the hotel's Director of Human Resource participated in a training by United Voice Malaysia and the Welfare Department to learn about supporting persons with disabilities at work.

Sunway continues to prioritise local talents and in 2023,

98% of our Senior Management were locals

BOARD DIVERSITY (GENDER AND AGE GROUP)

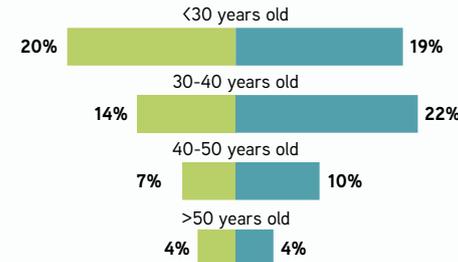


● 40-50 years old 10%
● >50 years old 90%

EMPLOYEE DIVERSITY (GENDER)

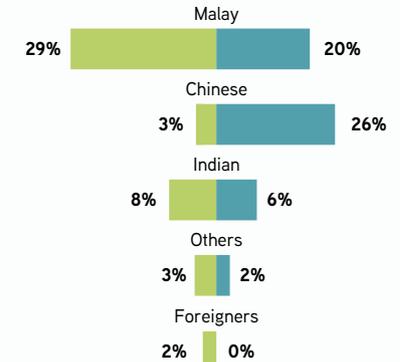


EMPLOYEE DIVERSITY (AGE GROUP)



● Non-Executives ● Executives

EMPLOYEE DIVERSITY (ETHNICITY)



● Non-Executives ● Executives

TOTAL NUMBER OF NEW HIRES (GENDER AND REGION)



TOTAL TURNOVER RATE

17.8%

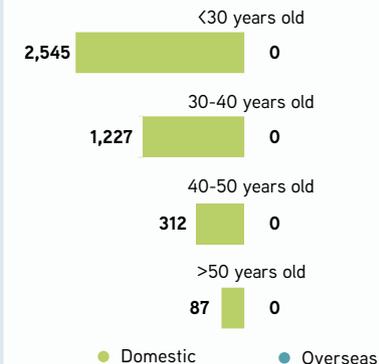
TOTAL CEO COMPENSATION (ANNUAL) TO TOTAL MEDIAN COMPENSATION (ANNUAL)

105:1

TOTAL CEO COMPENSATION (ANNUAL)

RM7,258,300

TOTAL NUMBER OF NEW HIRES (REGION AND AGE GROUP)



● Domestic ● Overseas

ANNUAL MEAN PAY

RM100,100

ANNUAL MEDIAN PAY

RM68,900

ANNUAL LOWEST TOTAL PAY

RM21,300

ANNUAL HIGHEST TOTAL PAY

RM3,911,000

Note: Sunway's employee data is derived from operations in Malaysia only. Domestic/local talent refers to Malaysians, meanwhile overseas talent refers to foreigners working at our Malaysian operations/entities.

BUILDING FROM WITHIN A CULTURE OF SUSTAINABILITY

IMPACT STORY



Written by:
Raphael Siah
Sunway Group
Brand Marketing &
Communications

Sunway's founding in 1974 was based on the concept of sustainable development. It all began with the transformation of Sunway City Kuala Lumpur from a tin-mining wasteland into an integrated, sustainable township today.

As part of our corporate strategy and social responsibility to drive long-term success, we continuously align our commitment to the 17 Sustainable Development Goals (SDGs) with our Environmental, Social, and Governance (ESG) targets.

The pursuit of the sustainability agenda has always been in Sunway's corporate DNA, deeply inculcated into our culture and value system. This stems from the leadership of our founder and chairman, Tan Sri Sir Dr. Jeffrey Cheah, who firmly believes that we can all do well by doing good.

To cultivate and preserve our culture and commitment to the agenda, we focus on continuous and consistent communication, starting from the top.



Please scan the QR code to read more about Building from within a Culture of Sustainability





At Sunway, our commitment to sustainability follows a top-down approach – starting from our Board of Directors, which is responsible for strategy development and compliance oversight to ensure that the **business operates with integrity and in full compliance** with all the applicable laws and regulations.

CULTURE STARTS AT THE TOP

In 2020, we established a dedicated Board Sustainability Committee (BSC) to spearhead our commitment to the sustainability agenda. The BSC's role is to guide, review, and make recommendations on sustainability strategy, ESG targets, and performance.

Our centralised Group Sustainability Department (GS) then collaborates closely with the respective sustainability teams of each business division, known as the Management Sustainability Committee (MSC) to ensure the seamless and successful implementation of Sunway's sustainability strategy and direction.

Regular engagements with the MSC provide our business divisions with a platform to discuss pertinent sustainability-related issues and challenges, such as data collection, waste management, and OHSE best practices.

These engagements also serve as a forum to discuss and leverage collective knowledge and insight to translate challenges into practical solutions and meaningful action.

We believe that promoting such purposeful collaborations will further reinforce our shared commitment to the sustainability agenda throughout the organisation, transcending policy into action.

SUSTAINABILITY THROUGHOUT THE ORGANISATION

We also continuously invest in our greatest asset – our people – by providing them with resources and ensuring their access to continuous learning opportunities.

We begin with our onboard training Sunway Corporate Orientation Programme for Employees (SCOPE), which is crucial in building awareness of the UN-SDGs among every staff member.

GS also develops short learning modules on SDGs and sustainability in-house in collaboration with the Sunway Group Human Resources Department (GHR) for staff to attend at their own pace.

We also innovate workplace learning beyond the confines of the traditional office setting. One example is the Sunway Amazing Race that, which integrates sustainability education with team engagement.

DRIVING SUSTAINABILITY TOGETHER

At Sunway, our embrace of the ESG and sustainability agenda is not dependent on or driven by external regulatory factors. It is driven internally by a strong and deep conviction to keep doing the right things the right way.

Staying true to our vision – “To be Asia's model corporation in sustainable development, innovating to enrich lives for a better tomorrow” – we remain committed to advancing the sustainability agenda by striving to raise and spread awareness and instil a culture of sustainability in our people and among our stakeholders.



PROTECTING THE HEALTH AND SAFETY OF OUR PEOPLE

GRI 2-7, 2-8, 3-3, 403-1, 403-2, 403-3, 403-4, 403-5, 403-6, 403-7, 403-8, 403-9, 403-10, 419-1

Our commitment to our employees' safety, health and well-being drives efficiency and productivity, aligning with our sustainable development goals. Sunway's Occupational Health, Safety and Environment (OHSE) Policy underscores our commitment to a secure work environment for all stakeholders. In the future, we aim to instil self-regulation on OHSE across our business divisions, working towards establishing a generative safety culture within Sunway by 2030. We seek to empower all our stakeholders to embrace and promote health and safety principles and practices, cultivating a resilient environment where everyone contributes to building a secure and thriving community.

STRATEGIC OHSE PLAN

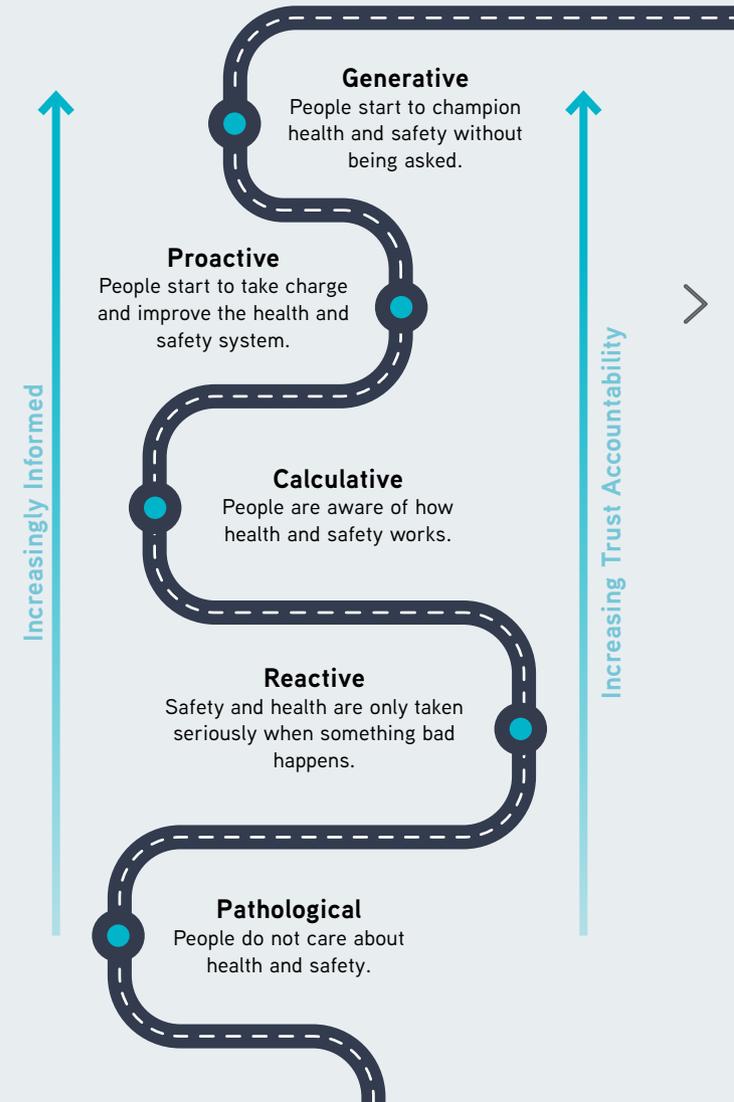
Prioritising health and safety is vital to our business and operations, as well as providing a healthy, safe, and conducive workplace for employees, contractors, visitors, and the general public. In 2023, we reviewed 100% of the HCWRIs and fatality cases instead of 80%, as advised by the Board of Directors. This further strengthens our commitment to investigate all serious injuries and propose measures to prevent future recurrence. Our commitment to preventing injuries and occupational illnesses among stakeholders is reinforced by adopting the national Occupational Safety and Health Masterplan 2021-2025 (OHSMP25). The five-year strategic plan places emphasis on:



SAFETY CULTURE JOURNEY

by Professor Patrick Hudson

In keeping our stakeholders safe, we nurture a strong culture of health and safety at the workplace by adopting the Safety Culture Journey by Professor Patrick Hudson. The aim is to achieve the Generative level, where stakeholders have fully embraced the culture of health and safety and advocated safety practices on their own.





STRONG GOVERNANCE IN OHSE MANAGEMENT

Sunway Berhad is committed to protecting employees from injuries and ill health. We strive to safeguard our employees, manage risks in our operations, contribute to business sustainability and embed a culture of continuous improvement within our organisation. In compliance with local regulations, all of our operational sites have implemented OHSE management to effectively manage and mitigate risks, ensuring continuous improvements are made in our safety practices.

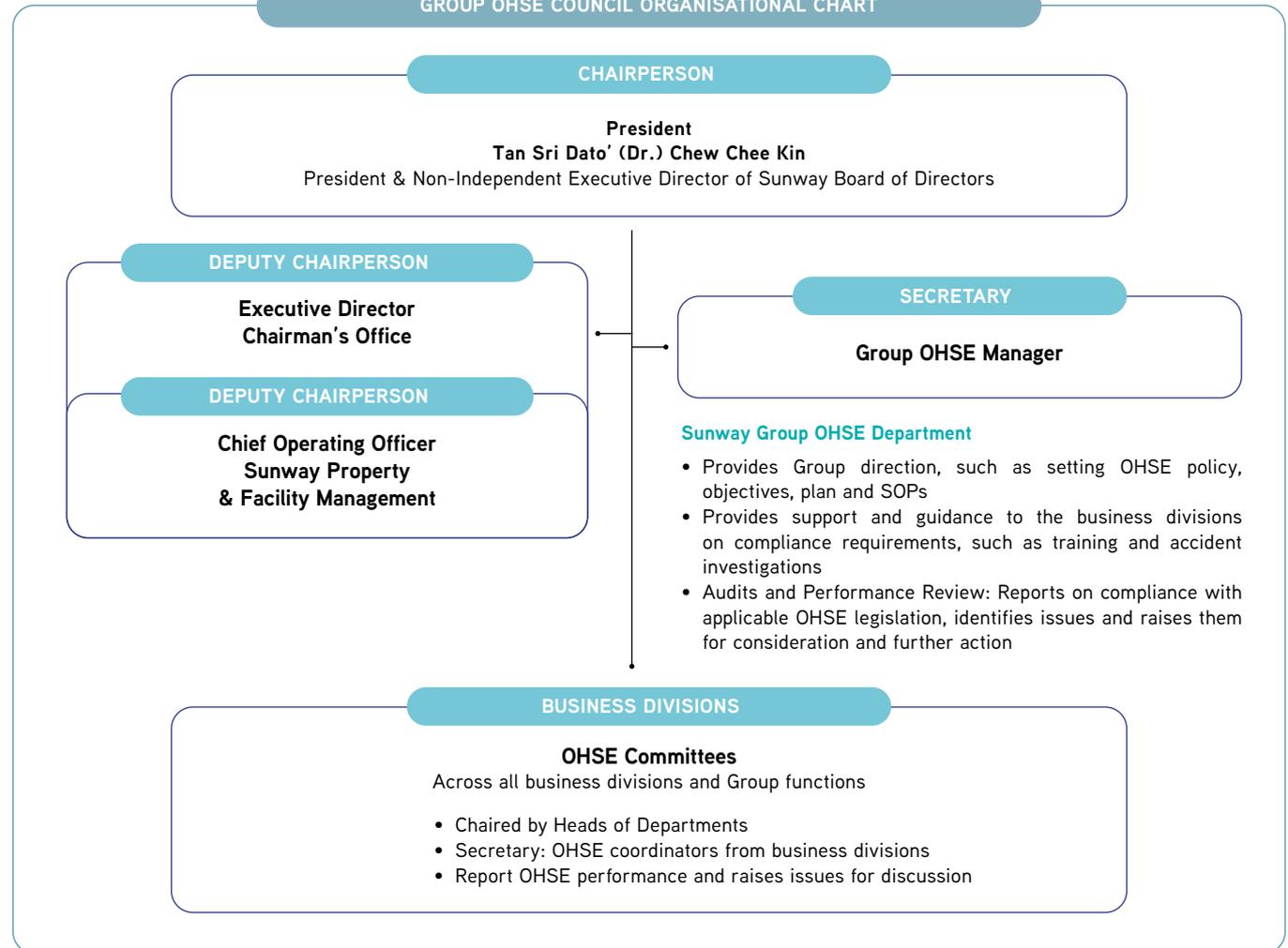
The Board holds ultimate responsibility for OHSE matters, providing the direction, objectives, targets and support to all business divisions. Chaired by Sunway Berhad’s President, Tan Sri Dato’ (Dr) Chew Chee Kin, the Group OHSE Council meets once every three months to discuss and review OHSE matters.

The Chairman of the Group OHSE Council, who is also a member of the Board Sustainability Committee, makes the final decisions on OHSE matters at Group and business division levels. We have also established OHS Committees, as per the Occupational Safety and Health (Safety and Health Committee) Regulations 1996 which are chaired by the respective heads of the departments. These committees, comprising employee and employer representatives, convene at most every three months, enabling employees to participate in the OHSEMS development, implementation and review. Employees who are not representatives can attend meetings to address OHSE-related matters. Meeting minutes are shared across business divisions to keep employees informed on the latest developments in OHSE matters within the Group and the industry.

GROUP OHSE COUNCIL

- Meets once every three months
- Reports OHSE performance and raises issues for discussion. Where necessary, recommendations are channelled to the appropriate authority for policy and decision-making, as well as to promote continual improvement.

GROUP OHSE COUNCIL ORGANISATIONAL CHART



CHAIRPERSON

President
Tan Sri Dato' (Dr.) Chew Chee Kin
President & Non-Independent Executive Director of Sunway Board of Directors

DEPUTY CHAIRPERSON

Executive Director
Chairman's Office

DEPUTY CHAIRPERSON

Chief Operating Officer
Sunway Property & Facility Management

SECRETARY

Group OHSE Manager

Sunway Group OHSE Department

- Provides Group direction, such as setting OHSE policy, objectives, plan and SOPs
- Provides support and guidance to the business divisions on compliance requirements, such as training and accident investigations
- Audits and Performance Review: Reports on compliance with applicable OHSE legislation, identifies issues and raises them for consideration and further action

BUSINESS DIVISIONS

OHSE Committees

Across all business divisions and Group functions

- Chaired by Heads of Departments
- Secretary: OHSE coordinators from business divisions
- Report OHSE performance and raises issues for discussion



PROTECTING THE HEALTH AND SAFETY OF OUR PEOPLE

OHSE COMMITTEE RESPONSIBILITIES

The key functions of the OHSE Committees are to:

- ✓ Develop OHSE rules and Safe System of Work
- ✓ Review the effectiveness of OHSE programmes
- ✓ Incident studies, corrective and preventive actions
- ✓ Review OHSE Policy
- ✓ Investigation of any accident
- ✓ Inspection of place of work
- ✓ Corrective and Preventive Actions (CAPA) in response to HSE reports
- ✓ Investigation of any complaint
- ✓ Resolution of complaint

BOLSTERING OUR SAFETY AND HEALTH THROUGH OHSE TRAINING

OHS Induction Training

Organised OHS induction training sessions to educate employees on reporting hazards and incidents. Employees are encouraged to take the initiative in reporting all hazards and incidents to the Management to reduce and eliminate risks.

More than **3,200** Sunway employees participated in the OHSE induction training.



Safety Training

In 2023, we conducted training sessions that covered general and specialised safety topics for various skill levels. Led by experts, these programmes encompassed management systems, OHS, induction and awareness, and environmental and industrial hygiene.

To enhance OHSE efficiency, we identified and addressed gaps through insights and findings from employees' job scope, operational needs and legal requirements, audits, observations, risk assessments, incidents and surveys. We gauged the effectiveness of our training through accident rates, accreditation audits, OHSE observations, pre- and post-training assessments, and continuous monitoring of staff competencies.

More than **6,500** employees participated in OHSE trainings

Annual Assessment

We conduct yearly drills to assess employees OHSE knowledge and reinforce the importance of applying this knowledge in their daily work operations.

Group OHSE Auditors' Training

We extended the training programme to our Group OHSE Auditors to support the Group OHSE Corporate Audit 2023. Trainers and auditors received compensation through a reward system. This programme follows the 2021 OHSE Competency Pool initiative, identifying potential OHSE trainers for knowledge-sharing across business divisions, benefitting employees, trainers and Sunway.



HEALTH, SAFETY AND ENVIRONMENTAL STANDARDS

Sunway Group remains guided by the Occupational Health, Safety and Environment Policy, which reflects its commitment to its employees' and stakeholders' well-being and safety throughout its diverse business operations. The policy underpins our steadfast commitment to fostering a safe and healthy workplace, ensuring compliance with pertinent legislations, adhering to the industry's best practices and continuously striving for improvement.

Sunway's OHSE Management System (OHSEMS) also exemplifies our holistic approach to protecting 100% of our workers. This adherence extends to essential health and safety regulations, including the Occupational Safety and Health Act (OSHA 1994), Factories and Machineries Act (FMA 1967), and Environmental Quality Act (EQA 1974). We conduct regular internal and external audits to ensure compliance with local and international regulations.

In 2023, the Group OHSE Corporate Audit included all Sunway employees and contractors. Group OHSE Auditors skilled in OHS, and certified Lead Auditors for ISO 45001:2018 OHSMS, performed cross-functional internal audits to verify compliance with OSHA 1994 at all Sunway sites.

COMPLIANCE WITH LOCAL REGULATIONS AND AUTHORITIES

To ensure uncompromised safety practices, Sunway engages third-party local entities to conduct external audits for regulatory bodies such as the Malaysian Society for Occupational Safety and Health (MSOSH) for award audits and international certification bodies such as the Malaysian Society for Quality in Health (MSQH) and the Australian Council on Healthcare Standards (ACHS) for certification. Our commitment to OHSE is reinforced by an internal dashboard that is updated annually, showcasing Sunway's progress and performance across all business divisions.

Note:

* The incident was associated with the evidence of mosquito larvae breeding at one of our sites. We have taken corrective measures to address this incident and continue to improve our OHSE practices to maintain the health and well-being of our stakeholders.

In 2023, there was **one incident*** of non-compliance related to environmental and social laws and/or regulations.

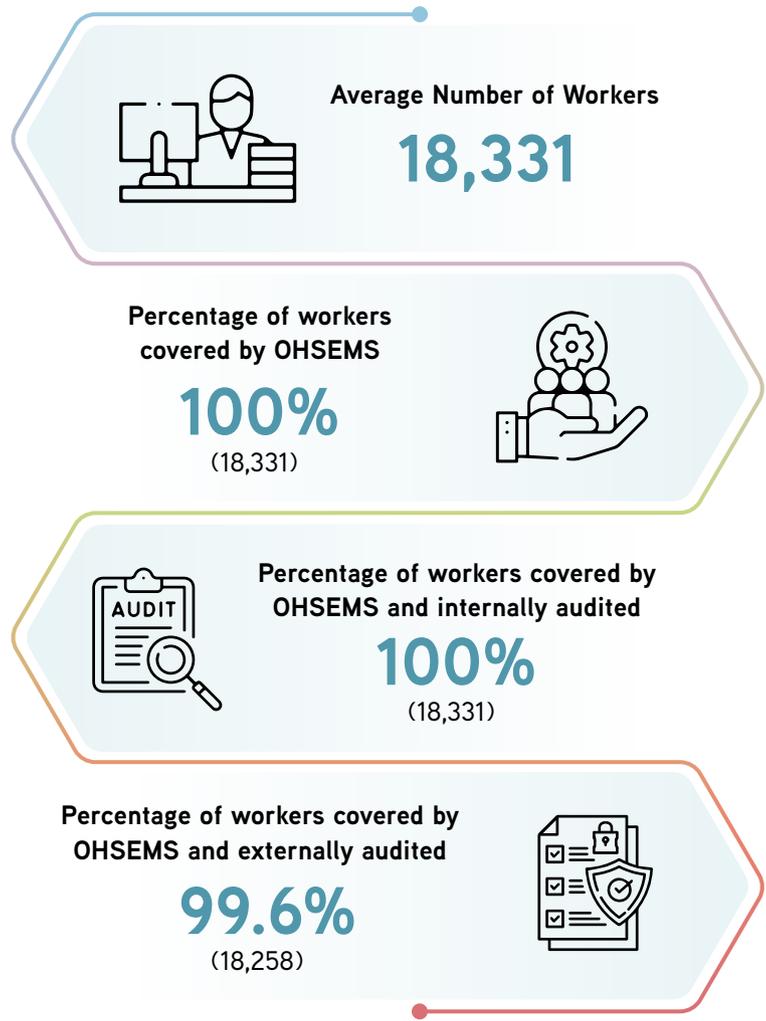
OHSE CERTIFICATIONS

In 2023, two additional business divisions attained

ISO 45001:2018

certification, bringing the number of business divisions with the ISO certification to four:

- 1) Sunway Building Materials
- 2) Sunway Lagoon Theme Park
- 3) Sunway Medical Centre at Sunway City Kuala Lumpur **NEW**
- 4) Sunway Integrated Property **NEW**



Notes:

- The number of workers includes employees, contractors and business partners and excludes part-timers and interns.
- The data is compiled based on internal and certification audit procedures.

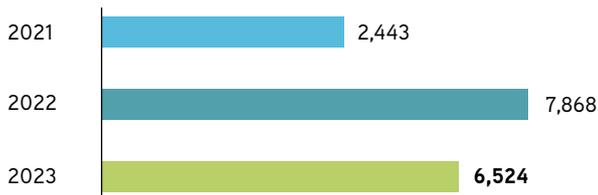
PROTECTING THE HEALTH AND SAFETY OF OUR PEOPLE

STRONG COMPETENCY OF THE OHSE PROFESSIONALS IN SUNWAY

Sunway remains steadfast in its commitment to upholding safety and health in the workplace. We strive to continuously enhance our proactive and preventive measures to prevent and mitigate potential accidents in the future. Our 'Plan-Do-Check-Act' (PDCA) approach in the OHSEMS instils a safety culture among employees and contractors' workers. Clear communication of OHSE accountabilities, management roles and responsibilities is conveyed through delegation letters or job descriptions.

Additionally, professional training is provided to enhance OHSE competencies to fill skill gaps and improve capabilities. In 2023, OHSE practitioners attended competency training, forming an internal pool within Sunway. This competency pool includes experts in ergonomics, noise risk assessment, and chemical health risk assessment, fostering knowledge sharing among business divisions when the need arises.

Number of employees participated in OHSE trainings



OSH COORDINATORS (OSH-C)

OSH-Cs undergo training and are designated to oversee health and safety management in their respective business divisions. Their duties include:

- ✓ Assisting the employer in implementing necessary measures for worker safety and health
- ✓ Conducting workplace inspections
- ✓ Reporting accidents, dangerous incidents, occupational poisoning/diseases to DOSH using JKPP 6, JKPP 7 and JKPP 8
- ✓ Conducting risk assessments for the workplace
- ✓ Executing instructions from the employer regarding safety and health matters in the workplace

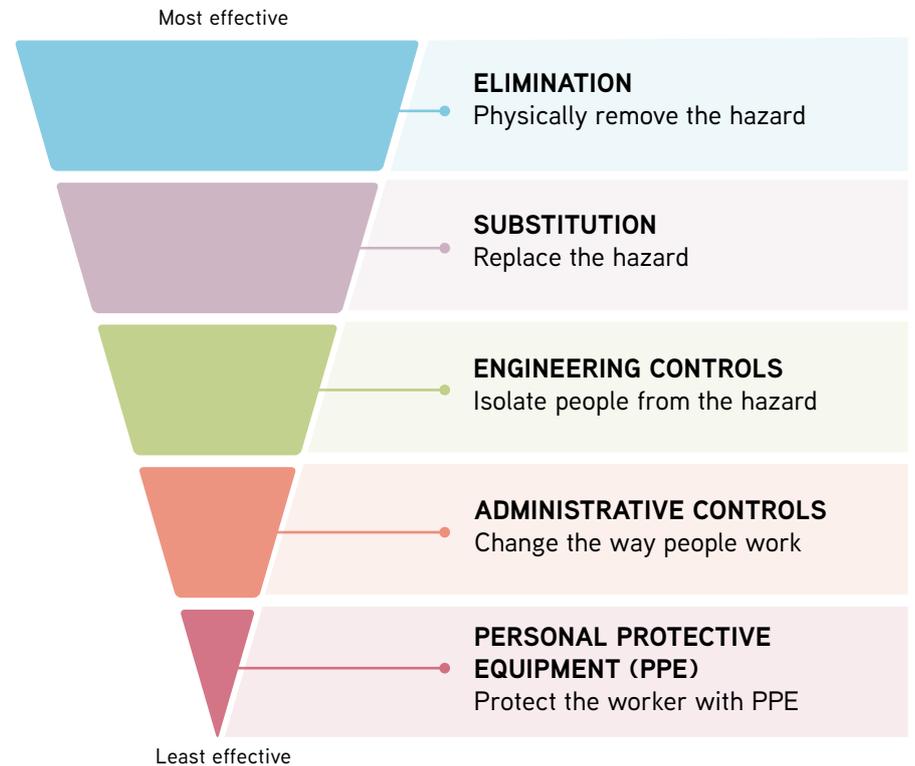
MITIGATING OPERATIONAL THREATS

Risk Identification and Assessment

Implementing a robust process for identifying and assessing risks is crucial, allowing us to effectively manage operational risks. We consistently engage in active risk identification and assessment across our business divisions, ensuring this is conducted before routine and non-routine activities, which aligns with the OHSEMS. This involves identifying measures to minimise and prevent risks, as well as establishing mitigation measures to be applied according to the hierarchy of controls.

We employ various tools, including accident statistics, site inspections, quarterly assessments and employee feedback to conduct Hazard Identification, Risk Assessment and Risk Control (HIRARC). This process is designed to identify work-related hazards that have the potential to cause high-consequence injuries and/or ill health.

Hierarchy of Controls



HEALTH AND SAFETY FOR SUPPLIERS AND CONTRACTORS

All Sunway suppliers must adhere to our Sustainable Procurement Policy and Supplier Code of Conduct, ensuring compliance with relevant laws and regulations in our areas. Going forward, we intend to incorporate a clause in our procurement SOP to ensure non-workers follow OHS rules to mitigate potential risks.

Our health and safety standards are also extended to all third-party contractors at our workplace. These requirements are communicated to all contractors, who must conduct a risk assessment before commencing any work and implement the necessary mitigation measures to remove or reduce the risk. Contractors undergo close supervision through the use of work permits and inspections conducted by safety and security personnel at the relevant sites.

OCCUPATIONAL AND NON-OCCUPATIONAL HEALTH SERVICES

We are committed to protecting the health and well-being of Sunwayians, ensuring their mental and physical fitness for work. Our comprehensive health services cover both occupational and non-occupational health risks. The HR team and OHSE coordinators organise and facilitate programmes addressing mental health issues and communicating with employees through email blasts and the HR portal to encourage employee awareness and participation. Additionally, we organised health programmes to enhance employees' well-being, and provide health services to address occupational health issues and non-occupational health risks, nurturing a healthy, safe and productive workforce.

HEALTH SERVICES PROVIDED TO EMPLOYEES

Occupational Health Services

- Clinical services
- Investigation of occupational poisoning / disease
- Pre-employment medical examination
- Return to Work SOP for employees impacted from occupational injuries or illness (e.g., medical removal, rehabilitation).

Non-Occupational Health Services

- Employee Assistance Programme (EAP)
- Fitness programmes such as Zumba, Yoga class and hiking
- Health Screening Programme
- Long-term medication benefits
- Mental and physical well-being awareness programmes such as virtual health talks on dementia and palliative care as well as congkak and chess tournaments.
- Provision of gym
- Provision of healthy lunch and snacks
- Vaccination (e.g. Typhoid)

Group Incident Investigations Team

In addition to the HIRARC procedure for managing OHS risks, we have established a Group Incident Investigations Team comprising experienced OHS practitioners from various business divisions. This ensures thorough and professional investigations of fatalities or high-consequence work-related injuries (HCWRI), aiming to identify root causes and recommend preventive measures.

Sunway is committed to not exceeding the first quadrant of the DOSH national fatality rate by 2030, which is a 1.46 fatality rate per 100,000 workers. We maintained zero fatalities in 2023. However in 2023, we experienced four HCWRIs cases, resulting in more than six months of lost-days and permanent disability. We viewed the incident seriously and ensured detailed investigations were conducted, following which corrective measures were taken. These include specific-task risk assessments, improvement of safe work instruction, training, supervision and incident sharing.

Common injuries among Sunway employees include cuts (37%), hits against/contact with machinery or objects (22%) and slips, trips and falls (19%). Follow-up actions based on the hierarchy of controls have been implemented, encompassing engineering controls, such as ensuring level flooring by installing cover, administrative controls through establishing safe work instructions, training, supervision, revisiting risk assessment and providing personal protective equipment such as hard helmets.



PROTECTING THE HEALTH AND SAFETY OF OUR PEOPLE



BEST REPORTING PRACTICES

Sunway has established a well-defined procedure for incident reporting across its operations, making it convenient for employees to report hazards and incidents. Our Whistleblowing Policy protects the identity of whistleblowers and emphasises that all reports remain private and confidential. Workers can remove themselves from any work situation with potential risks or hazards that may cause injury or ill health.

INCIDENT REPORTING AND INVESTIGATION PROCESS



Employee reports hazard and/or incident through an internal system or through their safety coordinator



An experienced safety professional conducts an investigation, performing a root cause analysis in consultation with Operations, HR and OHSE Committee members



OHSE Committee members recommend risk mitigation methods aligned with a hierarchy of controls for the identified hazard



Preventive and corrective actions are implemented



The report is presented to the Management at the Group OHSE Council and Management review meeting



The report is also submitted to DOSH as a commitment to comply with the incident reporting

SAFETY AND HEALTH PERFORMANCE

Number of Hours Worked
 Employees **18,916,654**
 Non-Employees **19,717,964**



Rates were calculated based on **1,000,000** hours worked.

In 2023,	Employees	Non-employees
Number of fatalities	ZERO	ZERO
High-consequence work-related injuries (HCWRIs)	4	ZERO
High-consequence work-related injuries (HCWRIs) Rate	0.21	ZERO
Recordable Work-Related Injuries	78	2
Recordable Work-Related Injuries Rate	4.12	0.10
Lost Time Injury (LTI)	56	ZERO
Lost Time Injury (LTI) Rate	0.59	ZERO
Lost Time Incident Rate (LTIR)	0.59	ZERO

Note: Lost Time Incident Rate (LTIR) is based on 200,000 hours worked.



RECOGNITION OF OUR OHSE PRACTITIONERS

Appreciation Dinner

Ensuring legal compliance and implementing best practices for health and safety is challenging. OHSE practitioners are crucial in managing health and safety by coordinating audits and implementing OHS programmes. In recognition of their contributions, Group OHSE organised an inaugural OHSE Appreciation Dinner to celebrate the commitment of OHS practitioners and award business divisions, which exceeded competency standards in OHSE compliance based on the Group OHSE Corporate Audit. The dinner featured awards, including the OHSE Leader of the Year and People's Choice Award for OHSE Practitioner.



OHSE Appreciation Dinner to celebrate OHSE practitioners from various business divisions

National Occupational Safety and Health (NOSH) Excellence Award

The NOSH Excellence Award is an annual event organised by the NCOSH. It aims to acknowledge organisations and individuals across diverse industrial sectors who have demonstrated excellence in safety and health management within their workplaces.



Sunway Paving Solutions won under the SME Category at the NOSH Excellence Award

Malaysian Society for Occupational Safety and Health (MSOSH) Awards

Various business divisions within Sunway Berhad took part in the 41st MSOSH Awards in 2023. These awards are presented annually to commend companies that have undergone audits and demonstrated exceptional performance in OSH. These awards acknowledge organisations that have achieved exceptional OSH performance through well-established and systematic Safety and Health Management Systems. Award participants are subjected to rigorous documentation checks and site verification by a panel of qualified auditors to ensure their credibility before receiving the award.



41st MSOSH Awards ceremony at Sunway Resort Hotel

Gold Class I

- Sunway Medical Centre

Gold Class II

- Sunway Property and Facility Management
- Sunway Pyramid Mall
- Sunway Velocity Mall
- Sunway Putra Mall
- Sunway Carnival Mall

Silver

- Sunway Giza Mall
- Sunway Citrine Hub
- Sunway Big Box Retail Park



GOAL 4 INVESTING IN COMMUNITY INCLUSIVITY



CAPITAL



Financial



Social and Relationship

MATERIAL ISSUES

- Community investment

ACTIVITIES

- Employee volunteerism
- Disaster relief programmes
- Awareness programmes
- Diverse cultural celebrations

VALUE CREATED

- Empowered and inclusive communities
- Contribution to nation-building



- Transformation 1: Education, Gender and Inequality
- Transformation 2: Health, Well-being and Demography
- Transformation 6: Digital Revolution for Sustainable Development

#SunwayforGood

Sunway strives to contribute positively to communities in areas where it operates through impactful #SunwayforGood initiatives. We remain committed to enhancing the well-being of the underserved and underprivileged through empowering initiatives designed to foster thriving communities. By investing in community inclusivity, we aspire to build trust and establish meaningful relationships with people around us.



GIVING BACK TO SOCIETY

GRI 3-3, 203-1, 203-2, 413-1, 413-2

We are committed to giving back to society to empower individuals and inspire stories of hope and resilience. Through partnerships with non-profits, government agencies, and local communities, our initiatives reflect a commitment beyond profits. They are developed to drive sustainable development.

In 2023, Sunway Berhad contributed more than **RM7.82 million** in community inclusivity, encompassing:

- Making a positive impact on over **202,950** beneficiaries
- Sunway employees dedicated more than **3,700** man-hours in volunteerism

To ensure inclusivity for all, our community initiatives are underpinned by the three pillars of #SunwayforGood, which provides a holistic approach in giving back to society:

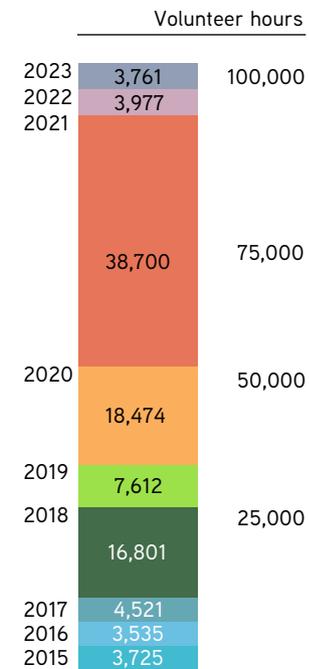


EMPLOYEE VOLUNTEERISM

Our employees are encouraged to actively participate in our community initiatives, as their contributions will not only enhance job satisfaction but also boost morale, enhance engagement, strengthen recruitment and retention efforts and reinforce our branding. Volunteerism plays a vital role in nurturing workplace relationships, providing our employees with a greater sense of belonging, identity and purpose.

Our #SunwayHeroes have been actively supporting communities, aligning with the Group's mission to reach out to the underprivileged through volunteerism. This commitment continues in 2023 as our volunteers actively participate in #SunwayforGood, fulfilling their roles as members of Kelab Sosial Sunway and supporting various initiatives.

Our #SunwayHeroes have dedicated more than **100,000** man-hours in volunteerism since 2015





IMPACT STORY

#SUNWAYHEROES: STANDING AS A FORCE FOR GOOD



Written by:
Ernest Chua
Sunway Group
Brand Marketing &
Communications



In reference to Return on Value (ROV)* by:
Professor Mahendhiran Nair
Pro-Vice Chancellor
(Research Engagement and Impact)
Sunway University

Corporate social responsibility (CSR) has always been part of Sunway's DNA. We are committed to empowering the communities we serve nationwide through #SunwayforGood, our pledge to do good and stand alongside Malaysians, for good.

Whether building school libraries for indigenous communities, packing meals for food banks, or providing aid to victims of natural disasters, our #SunwayHeroes have risen to the occasion, time and again, across racial and religious lines to help those in their hour of need.

These selfless efforts are shining examples that reflect the true spirit of Sunway and reaffirm our belief that no corporation can live apart from the communities it serves.

SUNWAY'S CSR STRATEGY

At Sunway, our CSR initiatives under the #SunwayforGood umbrella champion long-term partnerships and staff volunteer-driven initiatives in three areas of focus, namely education, healthcare and community enrichment.

These three pillars align with the 17 United Nations Sustainable Development Goals (UN-SDGs), adopted by all United Nations' member states in 2015. The UN-SDGs provide a shared blueprint to address 17 interconnected global challenges for peace and prosperity for people and the planet by 2030.

* For more information on Return on Value (ROV), please refer to Sunway Berhad's Sustainability Report 2022 (pg. 84 - 85)



Please scan the QR code to read more about #SunwayHeroes: Standing as a Force for Good





STAFF VOLUNTEERISM

One of the significant attributes of a purpose-driven organisation is the concerted effort displayed and reinforced by senior management to inculcate a culture of volunteerism and the spirit of giving back to society among all staff through community volunteer programmes.

From an ROV standpoint, research suggests that high rates of volunteerism in the workplace will not only directly benefit surrounding communities, but also boost productivity, increase staff retention, improve engagement, engender loyalty, as well as foster a sense of purpose and satisfaction among staff, contributing towards a stronger organisational culture.

By engaging in hands-on volunteer work, our #SunwayHeroes gain a deeper appreciation of the hardships faced by the less fortunate and marginalised sectors of society while experiencing personal growth and forming lasting connections with like-minded individuals.

Beyond Sunway's staff, we also regularly invite residents, students, and people who work around Sunway's townships to join our CSR initiatives.

For instance, staff from Merck Malaysia, a tenant of Menara Sunway, participated in our food distribution efforts during Raya Cheer upon learning about this community outreach programme through lift posters around the premises.

Alongside volunteers from Rise Against Hunger Malaysia, the Sunway community comes together each year in a mission to pack two million meals by 2024 for undernourished communities nationwide.

OUR IMPACT

Sunway's commitment to inculcating a work environment that fosters staff volunteerism was recognised with a Gold award in the categories of "Excellence in Employee Volunteerism" and "Employer of the Year" at the HR Excellence Awards 2023, a regional platform honouring best-in-class HR practices through a rigorous peer-reviewed process by a jury of HR practitioners across Asia.

Our efforts to establish a culture that prioritises the value of community engagement were also recognised with a Bronze award under "Excellence in CSR Strategy."

In addition, Sunway also won Conglomerate of the Year for Community Well-being Leadership at the Sustainability and CSR Awards 2023, endorsed by the Ministry of Women, Family and Community Development of Malaysia. Sunway is a six-time winner of this coveted CSR award.



Taking home Gold for "Employer of the Year" and "Excellence in Employee Volunteerism" at the HR Excellence Awards 2023

These accolades would not have been possible without the time and dedication of our #SunwayHeroes. This spirit of volunteerism reflects our commitment towards nation-building and the CSR mission to leave no one behind.

We are constantly ideating strategies to encourage greater involvement across all business divisions at Sunway. We also have programmes in the pipeline that include volunteer onboarding, training, and education, which will further elevate our volunteers' experience.

WHAT'S NEXT?

Since its inception, our flagship CSR initiative, #SunwayforGood, has touched the lives of hundreds of thousands of beneficiaries. Underscored by Sunway's core values and purpose-driven commitment, we aim to positively impact millions more across the country in the years ahead.

As we celebrate Sunway's 50th anniversary in 2024, our #SunwayHeroes will continue to be an integral part of our corporate identity as a caring organisation that does well by doing good.

Towards that end, Sunway is embarking on the final phase of a mission to fulfil three pledges to mark our 50th anniversary: building and refurbishing 50 libraries through the Sunway READ (Reading Enhances Aspiration and Drive) programme; packing two million meals for undernourished communities; and providing basic health screening in partnership with the National Kidney Foundation for 50 Orang Asal communities as well as the underserved segments of society nationwide.

GIVING BACK TO SOCIETY

HEALTHCARE

The health and well-being of communities continue to be important to Sunway. We strive to build vibrant, resilient and thriving communities through initiatives aimed at enhancing their quality of life and supporting their overall social and economic well-being.



SUPPORTING THE UNDERSERVED COMMUNITIES

Supported the Malaysian AIDS Foundation (MAF)

Through Sunway HOPE (Health Outreach Programme for Everyone) Borneo Health Access Programme (SHAPE) 2023, we sponsored MAF's initiative to provide medical care and counselling for individuals suffering from HIV and to B40 community members in Sabah and Sarawak.

RM1,000,000

Supporting the Needs of Cancer Patients

Sunway Healthcare Group launched its RM2.5 million Cancer Support Fund in October 2022. As of 2023, it has provided free cancer screenings and subsidised treatments for over 650 beneficiaries.

>RM920,000

Health Screening with the National Kidney Foundation

Sunway provided basic health screening to underserved communities, especially the Orang Asal communities, in 25 locations across Malaysia. Over 1,000 benefitted from this programme.

RM170,960

Autsume 2023

Sponsored Autsume Starter Kits for B40 families and collaborated with the Segambut Member of Parliament to collect donations for four B40 families with autistic family members.

RM7,380



Health Screening Community Programme in partnership with National Kidney Foundation

ENHANCING COMMUNITY HEALTH

Healthcare Awareness Events

Sunway Medical Centre has organised various activities to raise awareness of a wide range of health issues.

- International Women's Day – The Fabulously Powerful Celebration
- Scoliosis Awareness Day 2023
- SunMed Carnival 2023
- SunMed Paediatric Symposium 2023
- Sunway Oncology and Palliative Care Symposium 2023
- World Diabetes Day – Beyond Sugar: Fight the Sweet Fight

RM196,430

Sunway Medical Centre (SMC) at Sunway City Kuala Lumpur Health CSR Events

SMC provided various complimentary workshops, health talks, health screenings to foster community relations and create awareness through local community events.

- Provided free health screening activities in conjunction with Raya open house at the Masjid Al-Amin, Bandar Sunway.
- Provided free health screenings and talks during the Program Intergenerasi organised by Kelab Pusat Aktiviti Warga Emas (PAWE) Subang Jaya.
- Provided comprehensive eye screening for 220 individuals during the Pesta Jom Sihat organised by the Puchong Parliamentary Office.
- Provided comprehensive eye screening for 40 individuals during the Merdeka Celebration Outreach Programme organised by the Residents Association of PJS 9, Bandar Sunway and Pusat Khidmat Masyarakat DUN Subang Jaya.
- Collaborated with Positive Healthy Ageing Programme to organise the Warga Emas Fest to educate senior citizens and community on the effects of positive healthy ageing.
- Complimentary workshops and health talks on new born infant care for about 50 pairs of new parents.

RM34,000



Sunway Medical Centre Velocity's (SMCV) Health CSR Events

SMCV provided a wide range of complimentary healthcare services, including health checks, health advisory events, ambulatory support, antenatal talks and parentcraft workshops.

RM237,847

KNOW Diabetes Campaign 2023

Sunway Healthcare Group conducted the KNOW Diabetes Campaign 2023 in conjunction with World Diabetes Day.

RM144,965

Free Dental Examinations and Treatments

Wisma Sunway collaborated with Jabatan Kesihatan Negeri Selangor (JKNS), by sponsoring venue space for free dental checkups and conducting 388 procedures.

Sponsorship to Malaysian Red Crescent's 75th Anniversary Fundraising Gala

Sunway contributed cash and five sets of dinner vouchers the Gordon Ramsay Bar & Grill at Sunway Resort Hotel, which were used as auction items to support the Malaysian Red Crescent in their fund-raising effort. Funds raised will go towards purchasing and maintaining ambulances and disaster preparedness training in Kelantan.

RM25,000

Sponsorship to World Cerebral Palsy Day Gala Dinner 2023

We donated cash to the Johor Cerebral Palsy Association which provides education, rehabilitation, and vocational support for registered individuals with cerebral palsy.

RM50,000

Tunku Laksamana Cancer Foundation

We contributed funds to the Tunku Laksamana Cancer Foundation, where the donation was channeled to cancer fighters such as medical and surgery aid, milk for the special needs and fares to hospitals.

RM50,000

Glow Nite Run

We have sponsored hotel vouchers, t-shirts and meals for the Glow Nite Run event organised by Yayasan Penyayang Iskandar Puteri.

RM10,350



Glow Nite Run organised by Yayasan Penyayang Iskandar Puteri

BLOOD DONATION INITIATIVES

- Sunway Velocity Mall and Sunway Carnival Mall organised blood donation drives in collaboration with public hospitals and other external NGOs to overcome blood supply shortage.



2,982 bags

of blood were collected through the blood donation drive

- Wisma Sunway and Sunway Geo Tower organised blood donation events to help increase the national blood supply. The initiatives were held in collaboration with the National Blood Bank, Selangor State Health Department, Hospital Tengku Ampuan Rahimah (HTAR) Blood Bank Unit and other external NGOs.



Over **160 bags**

of blood were collected through the blood donation initiatives





GIVING BACK TO SOCIETY

EDUCATION

At Sunway, we are dedicated to nurturing future generations by empowering society through educational initiatives. These endeavours will shape the future of communities, promote individual empowerment and contribute to the development of a thriving and resilient society.



BACK-TO-SCHOOL INITIATIVES

Sponsorship for B40 Students

We contributed essential educational materials for underprivileged students across various schools. This equipped students from low-income families with the necessary resources to pursue their education effectively and with confidence and dignity.

- ➊ We provided school uniforms, shoes, school bags, and stationery to students from SK Ladang Pendas, Johor and SJK (T) Ramathasar, Penang.
- ➋ We collaborated with public hospitals, including Hospital Sultanah Aminah, Hospital Sultan Ismail, Hospital Permai, and Klinik Kesihatan Mahmoodiah as well as some public hospitals in Johor, to distribute school supplies to the hospital's patients and their children.

>RM73,000



Painting More Than Colours at SMK Seberang Jaya

SUPPORTING A CONDUCIVE LEARNING ENVIRONMENT

Painting More Than Colours

Sunway Carnival Mall contributed to the refurbishing and repainting of six classrooms in SMK Seberang Jaya.

RM25,000

Sponsored School Equipment

We have provided schools, primarily serving the B40 community, with resources aimed at enhancing their learning experiences. For instance, we have donated a 65-inch Smart TV to SJK (T) Seaport, benefiting 25 teachers and 352 students. We also purchased two units of LCD Projector, two units of visualiser and one unit of portable speaker for school teachers in SK Putrajaya Precint 18.

RM15,450

Contributed Items for Learning and Development at The National Autism Society of Malaysia (NASOM) Centres

In collaboration with the Early Autism Project (EAP), Sunway Pyramid Mall contributed sensory toys, furniture and stationery for autistic students at NASOM centres in Teluk Pulai, Gombak and Titiwangsa.

RM15,000

KNOWLEDGE-ENHANCING INITIATIVES

Iskandar Malaysia EcoLife Challenge (IMELC)

Contributed funds to increase knowledge and awareness among students, teachers and the general public of the importance of a Low-Carbon Society.

RM30,000

Donation to Pertubuhan Rakan Komuniti Pendidikan Perak

Sunway contributed funds to the Pertubuhan Rakan Komuniti Pendidikan Perak (PRKPP) which will be used to support their educational programmes.

RM40,000

ENCOURAGING LITERACY

Sunway Oxbridge Essay Competition 2023

Sunway hosted its longest-running Sunway Oxbridge Essay Competition in 2023 with a total of 3,280 student participants. In the competition, Form 1 to Form 5 students studying the Malaysian syllabus expressed their ideas and aspirations for a better Malaysia through their essays.

>RM245,600

Sunway READ (Reading Enhances Aspiration & Drive)

In partnership with Friends To Mankind, Sunway invested in the setting up, refurbishment and purchase of new books for 20 libraries in schools and orphanages with B40 students.

RM200,000



SUPPORTING THE UNDERSERVED COMMUNITIES

Sponsorship to the Selangor & Federal Territory Association for the Mentally Handicapped (SAMH)

Sunway raised a cash sponsorship to offer education and training for individuals with mental disabilities, both children and adults, and to support them through the Early Intervention Programme.

RM10,000

Making Merry Moments Together

Sunway Velocity Hotel ran a campaign from 1 to 31 December 2023, where with every room booked through its website, RM1 would be donated to special needs students of Sekolah Kebangsaan Pendidikan Khas, Jalan Peel. The donations would be used to purchase essential school supplies for the children.

RM7,000



GIVING BACK TO SOCIETY

COMMUNITY ENRICHMENT

Sunway continues to be committed to fostering strong relationships with the communities it serves, encompassing those within its townships and in the broader vicinity. In the year under review, we executed these initiatives to enrich our community and support their diverse needs.



PROVIDING SUSTENANCE

Sunway Meal Pack-a-Thon with Rise Against Hunger

We packed 330,000 meals in all five states where Sunway businesses are located, including Selangor, Kuala Lumpur, Johor, Perak, and Penang. The packed meals were a mix of rice, lentils, dehydrated vegetables, and a flavouring mix containing 23 essential vitamins and minerals.

RM458,600



Sunway XFarms CSR Collaboration

In a CSR sponsorship campaign, we provided 100 bags of pesticide-free vegetables to needy communities investing RM3,000. In another initiative, Sunway SILK (Seeding Inspiration via Leadership and Knowledge) empowered 15 orphanages and homes to grow their own greens using a hydroponic system, investing RM14,542 in this initiative.

>RM17,500

FULFILLING THE DREAMS OF CHILDREN IN NEED

- ☉ Sunway Lagoon Theme Park sponsored children from Rumah Charis and Rumah Perlindungan Nur Qaseh to have a fun day trip at the theme park.
- ☉ Sunway Lagoon Theme Park invited 100 children from Rumah KIDS and Pertubuhan Penjagaan Anak Yatim Mary to join one of the biggest Deepavali celebrations in Malaysia.
- ☉ Lost World of Tambun fulfilled Muhammad Hazin's wish to visit the theme park. Hazin suffers from the Wiskott-Aldrich Syndrome, a genetic immunodeficiency that affects the production of platelets by the bone marrow.

RM92,000



NURTURING COMMUNITIES' LIVES

Kawasan Rukun Tetangga PJS 9

Provided cash contributions for the Urban Forestry Programme (Bird Sanctuary), sports tournament and refurbishments to the public area to support the community needs of PJS 9.

RM20,000

Donation to Persatuan Orang Yang Amat Cacat Akal

Provided funds for the upkeep of their home.

RM25,000

CONTRIBUTION TO NGOs/ASSOCIATIONS/BODIES

Selangor Youth Community

Sunway has sponsored venue facilities for Selangor Youth Community, our existing long-term partner, highlighting our commitment to supporting youth initiatives. This sponsorship underscores our commitment to empowering the next generation, especially by offering opportunities to youths from marginalised and underprivileged communities, thus supporting their social and economic well-being.

>RM397,900

Berita Kesatuan Pekerja Bomba dan Penyelamat Semenanjung Malaysia and contribution to Persatuan Bekas Polis Malaysia

Sponsored a one-page black and white advertisement in the Berita Kesatuan Pekerja Bomba dan Penyelamat, Hari Bomba 2023 Issue. Contributed 10 wheelchairs to underprivileged former police personnel in Selangor.

RM9,990

Bursa Malaysia

Contributed funds during Bursa Bull Charge 2023, benefiting environmental-based NGOs /institutions.

RM30,000

Persatuan Pandu Puteri Malaysia

Donated funds to support Pandu Puteri Selangor in their charity dinner for the Selangor Girl Guide Association.

RM10,000

Badan Kebajikan Kakitangan Melayu Dewan Bandaraya Kuala Lumpur

Provided cash sponsorship for an advertisement space in their bulletin.

RM8,000



Handover of wheelchairs to Persatuan Bekas Polis Malaysia

NATURAL DISASTER RELIEF EFFORTS

Assistance for Flood Victims

- Partnered with Malaysian Red Crescent Society, we donated toothpaste, tooth brush, shampoo, shower gel, pails, towels, sanitary pads, shavers, kitchen towels and sarongs to 3,150 beneficiaries during a flash food in Johor and Kelantan.
- Sunway City Iskandar Puteri, together with JPKK Kampung Tiram Duku provided flood relief to their residents.

RM126,500

Flood Donation

Sunway Hotel Big Box aided flood victims in Segamat by distributing essential items such as food and clothing.

RM2,000



Donations were given to flood victims in Johor



GIVING BACK TO SOCIETY

FESTIVE DELIGHTS FOR THE UNDERSERVED COMMUNITIES

We strive to contribute generously to the underprivileged and marginalised communities because they may face challenges during festivities, and we want to ensure everyone can enjoy the celebrations.

CHINESE NEW YEAR

Chinese New Year Cheer

More than 200 children from eight orphanages in Perak were given a treat – a day out at Sunway Lost World of Tambun (LWOT) with lunch, games and a Petting Zoo tour. Groceries were also distributed to 200 families and eight orphanages.

We also sponsored complimentary tickets to LWOT for 74 children from the Salvation Army Ipoh Children's Home and Pertubuhan Kebajikan Harapan Baru, in Perak.

>RM101,960

Buy, Bloom & Bless

Sunway Velocity Mall organised a shopping spree for 100 underprivileged kids from four homes to purchase new clothes and shoes for Chinese New Year.

RM20,000



DEEPAVALI

Deepavali Cheer

We treated 100 children from Malaysia Hindu Sangam Skudai Council, Pusat Kebajikan Kalvari Teenagers & Boys Home, i-Care Community Centre, Bukit Indah PPR Flats and Taman Sri Stulang PPR Flats to shopping for Deepavali celebration, lunch and some fun games.

RM62,700

Deepavali CSR Donation to NASOM Group Home

Sunway Pyramid Mall contributed furniture and household appliances to the NASOM Group Home in Bandar Puteri.

RM10,000



CHRISTMAS

Christmas CSR Donation

Sunway Pyramid Mall donated to Stepping Stones Living Centre, a shelter that extends its facilities to a diverse range of underprivileged communities.



Sunway Pyramid Mall also donated to the Hopes Malaysia Welfare Association to help rebuild the bridge at Kampung Koug Malaam, Sabah. The bridge is the villagers' access to essential supplies in Kota Belud.

RM7,000

Gifting for A Good Cause

Sunway Resort Hotel collaborated with Batik Boutique, a company that supports artisan communities by providing training and job opportunities, to sell Christmas ornaments crafted from remnant upcycled batik materials. The proceeds were donated to Praise Emmanuel Children's Home.

>RM3,750

Shoebox Christmas

Sunway Medical Centre at Sunway City Kuala Lumpur collaborated with student volunteers from Sunway University to distribute presents to the Trinity Community Children's Home.

RM3,200



Shoebox Christmas event for Trinity Community Children's Home

RAMADAN AND HARI RAYA

Spreading Raya Cheer

In the spirit of Raya, we engaged in a series of initiatives, including Bubur Lambuk distribution at various locations, rice donations for ATM Beras, food distribution to the homeless, distribution of Raya meals to homes and supplied grocery kits to B40 families. More than 23,800 individuals benefitted from our collective efforts.

>RM308,000

Malaysian AIDS Foundation Raya Open House

Partnered with Malaysian AIDS Foundation to host Raya Open House for people living with HIV (PLHIV) and their family members, and sponsored Raya meals for 1,000 individuals.

RM25,000

Raya CSR

Sunway Velocity Hotel successfully collected donations from its staff to contribute towards Rumah Amal Haruman Kasih, including Buka Puasa event, Raya outfits and other essentials. Meanwhile, Sunway Velocity Mall provided training on soap and perfume making for 30 autistic kids from Pokokon Centre to equip them with soft skills. Sunway Citrine also procured 200 pieces scented candles specifically for the benefit of REACH Segamat Home, Johor.

RM5,700

Buka Puasa Events

Nearly 100 children and their caregivers from Rumah Penyayang Nur Iman, Pertubuhan Rahoma Darul Fakir and Rumah Permata Hatiku were treated to a delicious Buka Puasa feast at Sunway Putra Hotel. Similarly, Sunway Hotel Big Box arranged a Buka Puasa event for 70 children from Tahfiz Ar-Rayan and presented them with contributions. We also provided Buka Puasa meals to the B40 Muslim community members who visited Masjid Al-Husna during Ramadan.

470 beneficiaries



Spreading Raya Cheer to the underprivileged communities



GIVING BACK TO SOCIETY

SUNWAY FOOD BANK INITIATIVE

Sunway persists in the nation's largest food bank drive, the Sunway Food Bank initiative. Integral to Sunway's commitment to addressing national food insecurity, this initiative encourages the public to actively participate in promoting food sustainability. All contributions are directed through a network of food-access charities, ensuring that individuals in low-income areas have easy access to nutritious food.

Sponsorship of Groceries to B40 Communities

We partnered with NGOs and sponsored groceries for B40 communities during the festival seasons.

Deepavali initiatives covered Johor and Selangor, benefitting more than **2,580 beneficiaries**

Sunway Food Bank's Raya Cheer initiatives impacted **11,920 beneficiaries**

Donated RM100 worth of groceries to **more than 850 PLHIV** families in Selangor, Sabah and Sarawak during Raya to ease their burden

A special initiative, in collaboration with the Malaysian AIDS Foundation and Malaysian Red Crescent Society, targeted **105 PLHIV families** in Selangor and Kuala Lumpur

Sponsored RM100 worth of groceries to **40 families** in Taman Sembilang, Penang

We also supported the Great Heart Charity Association's initiative by sponsoring **133 grocery boxes**, showcasing a commitment to various communities through strategic collaborations and festive initiatives





Groceries for the Orang Asli community

In line with the basic health screening by National Kidney Foundation, we sponsored boxes of groceries worth RM80 each to:

100 Orang Asli community in Kedah

300 Orang Asli families in Gerik

530 Orang Asli families in Kelantan, Johor and Selangor

We have also organised the Food Basket Programme for Orang Asli Communities in Johor.

RM72,300

Sponsorship of Groceries during National Day Campaign

We partnered with Malaysian Red Crescent Society and sponsored

300 families in Johor with groceries worth RM100 each.

RM33,500

Groceries for the Families in Klang Valley's PPR Flats

In collaboration with Kechara Soup Kitchen, we have sponsored **200 boxes** of dry groceries worth RM100 each to the identified 200 families at PPR flats around Klang Valley.

RM20,000



Distribution of groceries for the Orang Asli community

GOAL 5

UPHOLDING TRANSPARENCY AND DELIVERING EXCELLENCE

- 125 Delivering Excellence through Transparent Economic Practices
- 128 Inculcating a Strong Governance Culture

CAPITAL



Financial



Social and Relationship



Intellectual

MATERIAL ISSUES

- Brand and reputation
- Capital allocation strategy
- Company's financial performance
- Macroeconomic issues
- Responsible and sustainable financing
- Group Standard Operating Procedures
- Innovation and technology

ACTIVITIES

- Economic value generated and distributed
- Sustainable investment and financing
- Code of conduct and business ethics
- Board policies
- Corporate policies
- Sustainability policies
- Risk management
- Cybersecurity and data governance

VALUE CREATED

- Shared prosperity and robust economic growth
- Equality in progress
- Ethical society with integrity
- Resilience against cyber risk



- Transformation 6: Digital Revolution for Sustainable Development

We are committed to upholding transparency and delivering excellence to create sustainable value for the business and our stakeholders. Upholding transparency is paramount in delivering on our commitment to ESG, as we stay true to our core value of Integrity to generate and distribute value to our stakeholders. We inculcate a positive compliance culture and good corporate governance in all our business divisions, operations and activities, underpinning strong governance in all our business dealings to uphold peace, justice and strong institutions.



DELIVERING EXCELLENCE THROUGH TRANSPARENT ECONOMIC PRACTICES

GRI 3-3, 201-1, 203-1, 203-2

The sustainability of our financial performance is vital to our ability to support long-term value creation and continue pursuing other sustainability agendas. We are committed to transparency, which encompasses governance and the Group's overall performance, such as economic performance, ESG ratings, environmental performance, community investment and employee well-being for the excellence of the Group.

BUILDING TRUST THROUGH COMMUNICATION AND TRANSPARENCY

ESG is a data-driven disclosure mechanism serves as a guide for organisations in making disclosures. We have aligned and benchmarked our disclosures against global goals, local and global reporting frameworks, and ESG rating tools. We ensure that we communicate our ESG disclosures to our stakeholders transparently and address their priorities and concerns.

We build our stakeholders' trust through transparent disclosures, which is reflected in the Group's ESG scores in high-quality, globally recognised and established ESG indices. These ratings reflect our commitment to sustainability and serve as a tool for reflection and self-appraisal.

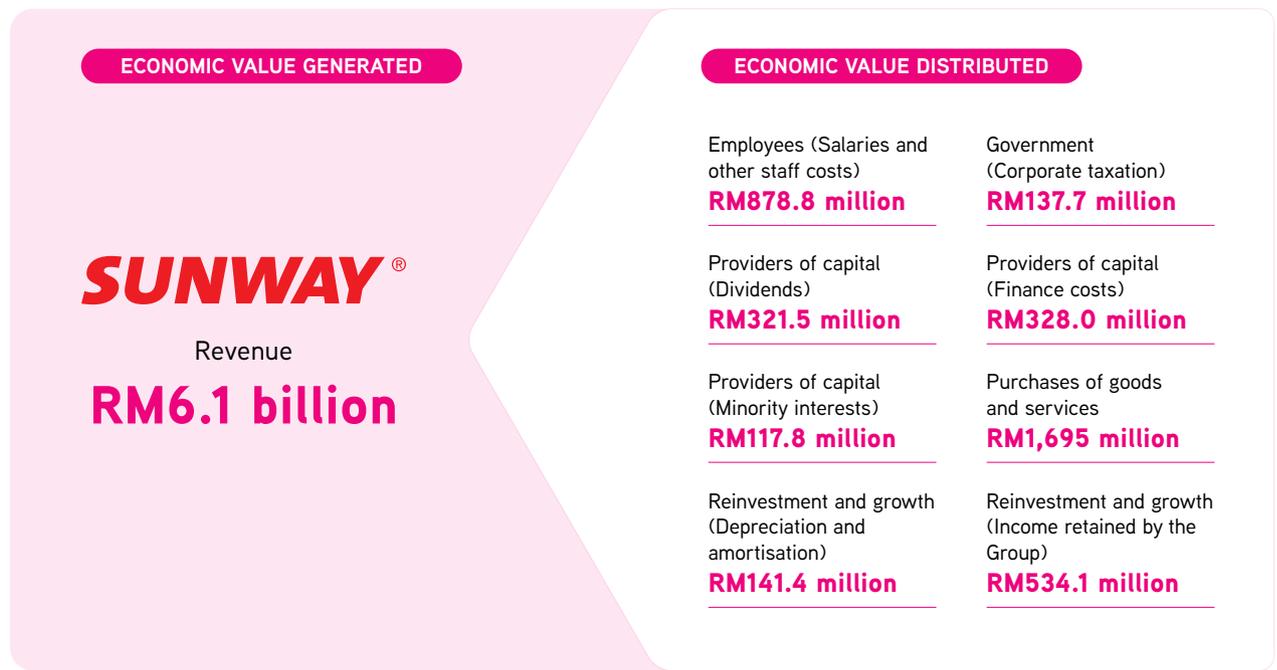
For more information on our ESG ratings, please refer to page 16.



GENERATING ECONOMIC VALUE

As a responsible corporate citizen, we must provide job opportunities and promote economic growth in our communities. We are committed to building long-term resilience by optimising our assets and redistributing the wealth we generate among our stakeholders. Our commitment to sustaining and achieving robust economic performance is reflected in the execution of our business strategy. This involves keeping current with market trends, maintaining a robust balance sheet and positive cash flow and leveraging innovation and technology to meet customers' evolving demands. We also proactively identify opportunities and mitigate risks pertinent to our operations as we expand our market by diversifying into new geographical areas and demography.

In this context, Sunway continuously generates wealth and intangible value for our stakeholders in our commitment to creating a sustainable future for all. In 2023, the Group posted a record-high revenue of RM6.1 billion since its listing in 2011.



For more information on the Economic Performance, please refer to Sunway Berhad's Integrated Annual Report 2023.

DELIVERING EXCELLENCE THROUGH TRANSPARENT ECONOMIC PRACTICES

SUSTAINABLE FINANCING

Sustainable finance integrates ESG principles into both business decisions and investment strategies, addressing a range of considerations related to climate change and labour practices. This approach empowers companies to operate in a socially and environmentally responsible manner, taking into account the potential impact of ESG issues on the organisation and its stakeholders when seeking financing for growth or expansion.

According to the World Bank, Green, Social, Sustainability and Sustainability-linked debt issuance now totals US\$4.7 trillion as of September 2023, where the ASEAN+3 market has an 18.9% market share. Globally green bonds comprise more than 60% of the debt market with corporations outpacing governments in total debt outstanding^{1,2}.

In Malaysia, we continue to see an upward trend in sustainable financing as both financiers and corporations are actively collaborating in establishing financing or loan programmes that are directly linked to the sustainability performance of the company or specific projects. For Sunway Berhad, we have continued to collaborate with financial institutions to explore sustainability-linked loan or financing for our projects, and to enable stakeholders to participate in our sustainability journey.

¹ Green, Social, Sustainability, and Sustainability-Linked (GSSS) Bonds Market Update: <https://thedocs.worldbank.org/en/doc/dc1d70af2c45cb377ed3ee12b27399d4-0340012024/original/GSSS-Quarterly-Newsletter-Issue-No-6.pdf>

² Recent Development in ASEAN+3 Sustainable Bond Markets: https://asianbondsonline.adb.org/documents/abm/abm_mar_2022_recent_developments_asean3_sustainable_bond_markets.pdf

EXISTING PROGRAMMES**SUSTAINABILITY-LINKED LOAN (SLL)**

In 2022, Sunway Treasury established a sustainability-linked loan (SLL) with Sumitomo Mitsui Banking and subscribed to a sustainability-linked treasury programme with CIMB Bank Berhad. The sustainability performance targets (SPTs) set for these programmes include Building Energy Intensity (BEI) reduction and increasing renewable energy generation.

The Key Performance Indicator (KPI) set for energy efficiency is to reduce the Building Energy Intensity (BEI) to 288 kWh/m²/year. The BEI performance for 2023 was 291* kWh/m²/year. Meanwhile, the KPI for renewable energy generation was 11 GWh, and we met the target set with 12 GWh of renewable energy generation from solar PV panels.

* The BEI is derived based on selected properties for the SPTs.

KEY PERFORMANCE INDICATORS

- ✓ **ENERGY EFFICIENCY**
Building Energy Intensity (BEI) reduction
- ✓ **RENEWABLE ENERGY**
Increase annual renewable energy generation

SUSTAINABILITY SUKUK

Sunway Healthcare Treasury and Sunway South Quay launched the sukuk wakalah programme and established a Sustainable Financing framework in 2022. The Malaysian Ratings Corporation (MARC) Assessment has assigned both frameworks a 'Gold'.

Following the establishment of the sukuk wakalah programme, Sunway South Quay has issued a total of **RM250 million**.

Note: The amount of issuance is as of March 2024.

Gold

MARC**COLLABORATION WITH FINANCIAL INSTITUTIONS**

In 2022, Sunway Property inked memoranda of understanding with Public Bank Berhad and Standard Chartered Bank Malaysia, where customers that purchase our green-certified properties are entitled to apply for special sustainable financing from the banks, which includes preferential end-financing pricing and fast lane approval.





NEW (2023)

Sunway Treasury expanded the SLL with Standard Chartered Bank. The SPTs set include increasing renewable energy generation and increasing average learning and development hours for employees.

KEY PERFORMANCE INDICATORS

- RENEWABLE ENERGY**
 Increase annual renewable energy generation
- EMPLOYEE TRAINING HOURS**
 Increase the average learning and development hours of employees

Sunway Property launched a Sustainable Financing Framework for Sunway Velocity Three – a 5.5 acre residential leasehold development with a GDV of RM1.2 billion. The proceeds will be channelled to eligible projects which will be evaluated against criteria listed in the framework. MARC has assigned the framework a ‘Silver’ assessment.



In 2023, Sunway Property partnered with Alliance Bank, adding to existing collaborations with Public Bank and Standard Chartered Bank that were established in 2022.

Sunway and UOB Malaysia Ink Partnership to Advance Net Zero Goal

Sunway Group inked a memorandum of understanding with UOB Malaysia to collaborate in reaching our shared mission of net zero carbon emissions by 2050. This collaboration will see Sunway and UOB Malaysia leveraging each other’s strengths and expertise to integrate sustainable financing solutions, infrastructure and technologies into Sunway’s various business divisions. These include joint capacity-building programmes and workshops to facilitate and to scale sustainability initiatives for tenants, lessees, and suppliers providing sustainability financing solutions to jumpstart investments into more sustainable infrastructure; as well as to address Scope 3 emissions.

SUSTAINABILITY SUKUK IMPACT SUMMARY

Sunway South Quay

No.	Description of eligible project	Location	Type of utilisation (New project / Refinancing)	Status of eligible project	Green certification	Amount allocated for eligible project
1	Sunway Square - Office Tower 2	Sunway City Kuala Lumpur	New project	Under construction	• LEED – Gold • GreenRE - Platinum (Provisional Cert)	RM200 million
2	Sunway Square - University Campus	Sunway City Kuala Lumpur	New project	Under construction	GreenRE – Gold (Provisional Cert)	RM50 million

Total amount allocated for eligible projects RM250 million

Note: The amount allocated is as of March 2024.

SUSTAINABILITY IMPACTS

Energy efficiency

- LED lighting and motion sensor control lighting
- Energy-efficient lifts and escalators
- Renewable energy
- Centralised chiller plants - District Cooling System

Environmental practices

- Sustainable products - Green Tag-certified/ Eco Label
- Sustainable practices during construction and occupancy stage
- Accessibility and connectivity to facilities and public transport

Water efficiency

- Low-flow sanitary fittings
- Rainwater harvesting system for irrigation
- Water usage and leak detection monitoring system

Indoor environmental quality

- Low-VOC paint for interior walls and ceilings
- Air filtration media provisions for AHUs





INCULCATING A STRONG GOVERNANCE CULTURE

GRI 2-19, 2-23, 2-24, 2-27, 3-3, 205-1, 205-2, 205-3, 206-1, 406-1, 418-1

We epitomise respect for ethical principles as the foundation of our organisation. Ethics and integrity are infused throughout our corporate culture, shaping our actions and interactions at every level. To this end, we remain guided by our Group Standards Operating Procedures and leverage innovation and technology as enablers in good governance practices.

ESTABLISHING GOOD GOVERNANCE

Sunway is committed to all relevant laws and regulations governing its business activities. Robust group standards and operational procedures are in place to ensure the consistent practice of ethical business conduct in our daily operations. Failing to put in place standardised operating procedures poses potential financial, legal, and operational risks, impacting the long-term growth of the business.

Our approach to good governance is guided by the Group’s Code of Conduct and Business Ethics, which sets high standards for ethics embedded throughout the organisation. Employees are continuously reminded of and expected to abide by the principles outlined in the Code of Conduct and Business Ethics in their day-to-day tasks, corporate relationships, and business transactions. Sunway’s Code of Conduct and Business Ethics Policy serves as the Group’s overarching standards and practices related to sustainability, health and safety, anti-corruption measures, anti-bribery initiatives, non-discrimination, and compliance with internal controls and procedures.

[Sunway Berhad Code of Conduct and Business Ethics Policy: https://ir2.chartnexus.com/sunway/doc/cg/CCBE%20Policy_Final.pdf](https://ir2.chartnexus.com/sunway/doc/cg/CCBE%20Policy_Final.pdf)

ANTI-BRIBERY, CORRUPTION AND FRAUD



To effectively mitigate bribery, corruption, and fraud, we have a set of systems aligned with the Code of Conduct and robust corporate policies on bribery, corruption, money laundering, and whistleblowing. We maintain a zero-tolerance approach for all forms of bribery and corruption, as stated in the Anti-Bribery and Corruption (ABC) Policy. This policy is communicated to Senior Management and employees through diverse channels, including various platforms, induction programmes, and our corporate website. Comprehensive training on the ABC Policy is also delivered group-wide through online learning platforms and mandatory e-modules. This ensures that our employees thoroughly understand the different facets of bribery, promote compliance with anti-bribery and anti-corruption laws and instil a culture of integrity across Sunway.

[Sunway Berhad Anti-Bribery and Corruption Policy: https://www.sunway.com.my/wp-content/uploads/2021/12/Sunway-Anti-Bribery-and-Corruption-Policy.pdf](https://www.sunway.com.my/wp-content/uploads/2021/12/Sunway-Anti-Bribery-and-Corruption-Policy.pdf)

In 2023, **95.8% of employees** received training on anti-corruption

The Board has oversight of the ABC Policy and is supported by an Anti-Bribery and Corruption Task Force, which ensures the proper implementation of anti-bribery and corruption policies and procedures, reinforcing our business against all forms of corruption and bribery.

To ensure anti-bribery and corruption is entrenched across the Group, our business divisions submit quarterly reports on bribery and corruption risk assessments to Group Internal Audit (GIAD). Additionally, since 2021, GIAD initiated an ongoing bribery and corruption risk assessment across all business divisions and functional departments. Sunway employees are expected to uphold the highest standards of business ethics and professionalism. They conduct themselves with integrity in their individual roles to mitigate any legal risks, fines, or penalties that may adversely impact our business. The GIAD, per its fraud response plan and procedure, is tasked with reporting and addressing all cases of alleged fraud to prevent fraudulent activities within the organisation.

In 2023, we had one incident of bribery reported involving a supplier and a staff. Upon becoming aware of the incident, a thorough investigation was immediately conducted, and all our findings were reported to the Malaysian Anti-Corruption Commission (MACC) for further action. The supplier in question has been banned from all business dealings with Sunway. The staff involved is no longer with the company.

At Sunway, we firmly reiterate our zero-tolerance stance for all forms of bribery and corruption. Going forward, we will continue to enforce compliance with anti-bribery, corruption and fraud regulations and policies among all vendors and employees through continuous reminders, awareness and training.

POLICIES



BOARD POLICIES

- Economic Sanctions Compliance Policy
- External Auditors Policy
- Fit and Proper Policy
- Policy on Selection and Assessment of Members of the Board of Directors and Board Composition
- Remuneration Policy for Directors and Senior Management



CORPORATE POLICIES

- Anti-Bribery and Corruption (ABC) Policy
- Anti-Money Laundering Policy
- Diversity and Inclusion Policy
- Whistleblowing Policy & Procedure



SUSTAINABILITY POLICIES

- Biodiversity Policy
- Green Building Policy
- Green Township Policy
- Group Sustainability Policy
- Group Occupational Health, Safety and Environment Policy
- Human Rights Policy
- Sustainable Events Management Policy
- Sustainable Procurement Policy
- Water Management Policy

Our Policies:
<https://www.sunway.com.my/investor-relations/corporate-governance/>

RISK MANAGEMENT

We are committed to mitigating unforeseen risks and to prevent financial loss protect our business and reputation. A robust risk management plan empowers us to identify and mitigate risks, reduce costs, and enhance the Company's reputation. In this context, we are guided by a resilient risk management framework aligned with the ISO31000:2018 Risk Management Guidelines. This framework incorporates Enterprise Risk Management (ERM) into key business activities, initiatives, and processes to identify and address risks that may impact our organisation and stakeholders.

Our comprehensive Group-wide approach to non-compliance procedures allows us to scrutinise and address any identified instances of non-compliance, providing detailed reports on confirmed claims or incidents. We also ensure that the Board and our employees stay informed about the Group's goals, targets, and policies through our corporate website, training sessions, and induction programmes.

For more information on Enterprise Risk Management, please refer to Sunway Berhad's Integrated Annual Report 2023.

SAFEGUARDING CYBERSECURITY AND DATA PROTECTION

In our competitive industries, staying relevant necessitates adopting innovation and technology to fulfil changing needs. These elements provide a competitive edge and position us at the forefront of sustainable development. Our approach involves leveraging digitalisation to enhance business operations and meet customer needs. This improves performance and facilitates enhanced data collection, accelerates productivity, reduces operational costs, and enables us to respond swiftly to evolving market demands. Although digitalisation serves our objectives, it also exposes us to cyber risks. Thus, we have implemented robust mitigation measures to build cyber resilience within the organisation.

To safeguard our data and systems, we fully comply with the Personal Data Protection Act 2010, as stated in the Sunway Compliance Manual. We remain vigilant in implementing effective risk management to monitor cybersecurity and identify potential gaps in our system. Sunway's cybersecurity controls are overseen by the Group Chief Information Officer (CIO) at Sunway Digital Hub, a member of the PIKOM CIO Chapter and PIKOM Cybersecurity User Group. The Group Chief Information Security Officer (CISO) informs the Board about the latest cybersecurity implementations and strategies.

Sunway Digital Hub holds the ISO 27001:2013 certification, an international standard for Information Security Management System (ISMS) standard. This underscores Sunway's commitment to maintaining security across its business. The global standard equips us with a framework for legal, physical, and technical controls in information risk management.

To ensure adequate information security, Sunway Group Cybersecurity conducts regular assessments, phishing simulations, and an annual disaster recovery simulation test to thoroughly examine the effectiveness of each step in the disaster recovery plan. Sunway Digital Hub undergoes internal and external audits, as required by ISO 27001:2013, ensuring progress aligns with the planned objectives.

Beyond these measures, we prioritise cultivating a culture of cyber risk and data protection awareness. We ensure that our employees are informed about cyber threats through monthly newsletters, and training is provided via an online learning platform. Employees can directly report cybersecurity incidents to Group Cybersecurity.

In 2023,
ZERO reported cases of cybersecurity breaches

ZERO reported cases of customer privacy breaches or loss of customer data

BEYOND FIREWALLS

IMPACT STORY



Written by:
Jane Lee
Sunway Group
Brand Marketing &
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Contributed by:
Michael Louis Singh
Sunway Group Cybersecurity

With the digital economy set to contribute to over a quarter of Malaysia's gross domestic product (GDP) by 2025, safeguarding against evolving cyber threats becomes imperative. Malaysia faces an increasing risk of cyberattacks, ranking among the top three countries in ASEAN for phishing incidents, according to cybersecurity provider Kaspersky Asia-Pacific.

Alarming statistics reveal a 50% or more rise in cybersecurity incidents reported by one-third of Malaysian organisations, as stated in Palo Alto Networks' "The 2023 State of Cybersecurity ASEAN" report. In 2023 alone, over 32,000 cybercrime cases in Malaysia resulted in RM1.13 billion in financial losses, emphasising the urgency of addressing these challenges.

Digitalisation has revolutionised the world in numerous ways that were undreamt of, especially in the last decade. Alongside the innate ability to access the world with a simple touch or a click, it has placed huge question marks on our safety in the cyber world, more so towards large conglomerates or corporations harnessing large volumes of data through their businesses.

At Sunway, we recognise the risks – as well as the duty to secure data across our 13 business divisions against cyber threats and hackers. In response, we have put together a dedicated cybersecurity team that continuously cultivates a positive cybersecurity culture throughout the organisation, enhance our cybersecurity posture, as well as develop information security programmes to minimise cybersecurity risks.

Addressing cybersecurity vulnerabilities aligns with our commitment to achieving the United Nations Sustainable Development Goal (UN-SDG) 9, which focuses on "building resilient infrastructure, promoting inclusive and sustainable industrialization, and fostering innovation."



Please scan the QR code to read more about Beyond Firewalls



Only when our digital infrastructure networks are resilient and optimised can we be well-poised to seize economic opportunities in the digital economy.

MANAGING THREATS FROM WITHIN

As the adage goes, a chain is only as strong as its weakest link.

Similarly, an organisation's cybersecurity measures are only as good as its first line of defence – its people.

To strengthen our first line of defence, our staff undergoes an annual phishing simulation exercise. This not only identifies knowledge gaps but also ensures that our team remains vigilant against potential threats. Staff who respond to phishing emails must attend awareness courses that address specific areas of improvement based on their risk profiles.

Introduced in 2023, Sunway's Cybersecurity Portal functions as an awareness material hub. Here we gather the latest know-how, tools, and best practices, enabling our staff to proactively keep abreast of the latest cybersecurity information implemented across the Group.

This is part and parcel of our goal to create a culture of continuous learning and cybersecurity vigilance - in line with UN-SDG Goal 4 to "ensure inclusive and equitable quality education and promote lifelong learning opportunities for all".

Besides using monthly newsletters, email blasts, and quizzes to create cybersecurity awareness, Sunway is introducing new data governance and privacy initiatives, including mandatory staff training, bite-sized training videos, Data Privacy Impact Assessments, and implementing privacy by design principles and the introduction of AI Ethics.

STRENGTHENING SUNWAY'S CYBER DEFENCES

Beyond awareness, we are enhancing our ability to predict, prevent, and respond to cyber threats. Automation has streamlined our cybersecurity measures, ensuring compliance with ISO 27001, a globally recognised standard for information security management.

How will we fare in the face of cyber threats? To assess our readiness, we conduct disaster recovery plans and simulations, allowing business divisions to identify vulnerabilities and finetune their incident response procedures in preparation for future cyberattacks.

To enhance data security at the operational level, our compliance standards adhere to industry-recognised guidelines, such as the **ISO27001: 2013 Information Security Management Standard**.

Additionally, we reference the Cloud Security Alliance as a guiding framework for business divisions heavily reliant on cloud services. Providing a bird's eye view of our cybersecurity measures, the Sunway's Cybersecurity Portal aims to offer real-time risk profile, security incidents and compliance status.

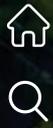
This dashboard allows our business divisions to promptly identify and rectify potential security weaknesses, as well as proactively detect and mitigate cybersecurity threats.

In a world where digital interactions dominate, everyone has a role in safeguarding data privacy and cybersecurity. Through our initiatives, we hope to create a shared sense of responsibility and foster a culture of vigilance and resilience throughout our organisation in this realm.

Like sentries standing guard around a fortress, each staff member plays a crucial role in upholding constant cyber awareness. This collective effort safeguards our privacy and assets and also ensures a secure and conducive workspace, whether at home or in the office.

We want to create a shared sense of responsibility and foster a culture of vigilance and resilience throughout our organisation in cybersecurity.





APPENDICES

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BURSA MALAYSIA'S COMMON AND SECTOR-SPECIFIC INDICATORS



As part of the Main Market Listing Requirements, we have reported our ESG disclosures in line with Bursa Malaysia's enhanced Sustainability Reporting Guide, 3rd Edition.

Indicator	Measurement Unit	2021	2022	2023
Bursa (Anti-corruption)				
Bursa C1(a) Percentage of employees who have received training on anti-corruption by employee category	Percentage	100%	100%	95.8%
Bursa C1(b) Percentage of operations assessed for corruption-related risks	Percentage	100%	100%	85%
Bursa C1(c) Confirmed incidents of corruption and action taken	Number	0	0	1
Bursa (Community/Society)				
Bursa C2(a) Total amount invested in the community where the target beneficiaries are external to the listed issuer	MYR	214,000,000.00	6,290,000.00	7,820,000.00
Bursa C2(b) Total number of beneficiaries of the investment in communities	Number	94,500	85,860	202,950
Bursa (Diversity)				
Bursa C3(a) Percentage of employees by gender and age group, for each employee category				
Age Group by Employee Category				
Executives Below 30 years old	Percentage	16.00	22.00	19.00
Executives Between 30 to 40 years old	Percentage	18.00	20.00	22.00
Executives Between 40 to 50 years old	Percentage	9.00	10.00	10.00
Executives More than 50 years old	Percentage	5.00	5.00	4.00
Non-executives Below 30 years old	Percentage	27.00	19.00	20.00
Non-executives Between 30 to 40 years old	Percentage	14.00	14.00	14.00
Non-executives Between 40 to 50 years old	Percentage	7.00	6.00	7.00
Non-executives More than 50 years old	Percentage	5.00	4.00	4.00
Gender Group by Employee Category				
Executives Male	Percentage	17.00	19.00	18.00
Executives Female	Percentage	32.00	37.00	37.00
Non-executives Male	Percentage	30.00	26.00	25.00
Non-executives Female	Percentage	21.00	17.00	20.00
Bursa C3(b) Percentage of directors by gender and age group				
Male	Percentage	70.00	60.00	60.00
Female	Percentage	30.00	40.00	40.00
Between 40 to 50 years old	Percentage	10.00	10.00	10.00
More than 50 years old	Percentage	90.00	90.00	90.00

Notes:

- Figures stated may not add up due to rounding of decimals.
- The data and information provided have been prepared to the best of our ability in ensuring completeness, accuracy and reliability.

Internal assurance

External assurance

No assurance

(*)Restated

BURSA MALAYSIA'S COMMON AND SECTOR-SPECIFIC INDICATORS

Indicator	Measurement Unit	2021	2022	2023
Bursa (Energy management)				
Bursa C4(a) Total energy consumption	Megawatt	497,713.00	622,620.00	875,618.00
Bursa (Health and safety)				
Bursa C5(a) Number of work-related fatalities	Number	1	0	0
Bursa C5(b) Lost time incident rate ("LTIR")	Rate	0.09	0.26	0.59
Bursa C5(c) Number of employees trained on health and safety standards	Number	2,443	9,181	6,524
Bursa (Labour practices and standards)				
Bursa C6(a) Total hours of training by employee category				
	Hours			
Senior Management (EG9 & above)	Hours	3,749	6,204	11,358
Manager and Senior Manager (EG5-8)	Hours	20,015	34,685	53,027
Senior Executive and Assistant Manager (EG3-4)	Hours	32,215	62,191	73,929
Executives (EG1-2)	Hours	62,267	121,120	126,729
Others (Executives)	Hours	0	0	2
Bursa C6(b) Percentage of employees that are contractors or temporary staff	Percentage	12.00	5.00	6.00
Bursa C6(c) Total number of employee turnover by employee category				
	Number			
Senior Management (EG9 & above)	Number	12	26	16
Manager and Senior Manager (EG5-8)	Number	85	142	135
Senior Executive and Assistant Manager (EG3-4)	Number	202	317	306
Executives (EG1-2)	Number	515	698	637
Non-executives	Number	750	1,453	1,011
Bursa C6(d) Number of substantiated complaints concerning human rights violations	Number	0	0	0
Bursa (Supply chain management)				
Bursa C7(a) Proportion of spending on local suppliers	Percentage	95.00	93.00	85.00
Bursa (Data privacy and security)				
Bursa C8(a) Number of substantiated complaints concerning breaches of customer privacy and losses of customer data	Number	1	0	0
Bursa (Water)				
Bursa C9(a) Total volume of water used	Megalitres	3,312.279000	4,587.949000	5,256.734000

Note:

1. The data and information provided have been prepared to the best of our ability in ensuring completeness, accuracy and reliability.

Internal assurance

External assurance

No assurance

(*)Restated

Indicator	Measurement Unit	2021	2022	2023
Bursa (Waste management)				
Bursa C10(a) Total waste generated	Metric tonnes	13,061.00	18,054.00	20,182.00
Bursa C10(a)(i) Total waste diverted from disposal	Metric tonnes	498.00	722.00	1,584.00
Bursa C10(a)(ii) Total waste diverted to disposal	Metric tonnes	12,563.00	17,332.00	18,597.00
Bursa (Emissions management)				
Bursa C11(a) Scope 1 emissions in tonnes of CO ₂ e	Metric tonnes	50,255.00	56,596.00	104,355.00
Bursa C11(b) Scope 2 emissions in tonnes of CO ₂ e	Metric tonnes	53,570.00	70,696.00	188,898.00
Bursa C11(c) Scope 3 emissions^a in tonnes of CO₂e (at least for the categories of business travel and employee commuting)	Metric tonnes	51,367.00	75,376.00	125,940.00
Category 1: Purchased goods and services	tonnes CO ₂ e	-610	-455	-1,457
Category 2: Capital goods	tonnes CO ₂ e	0	0	0
Category 3: Fuel- and energy- related activities	tonnes CO ₂ e	0	0	0
Category 4: Upstream transportation and distribution	tonnes CO ₂ e	0	0	0
Category 5: Waste generated in operations	tonnes CO ₂ e	5,767	7,955	9,704
Category 6: Business travel	tonnes CO ₂ e	2,071	1,210	2,883
Category 7: Employee commuting	tonnes CO ₂ e	0	19,231	10,843
Category 8: Upstream leased assets	tonnes CO ₂ e	0	0	0
Category 9: Downstream transportation and distribution	tonnes CO ₂ e	0	0	0
Category 10: Processing of sold products	tonnes CO ₂ e	0	0	0
Category 11: Use of sold products	tonnes CO ₂ e	0	0	0
Category 12: End-of-life treatment of sold products	tonnes CO ₂ e	0	0	0
Category 13: Downstream leased assets	tonnes CO ₂ e	43,529	46,979	102,510
Category 14: Franchises	tonnes CO ₂ e	0	0	0
Category 15: Investment	tonnes CO ₂ e	0	0	0
Bursa (Emissions - Air Quality/Pollution)^b				
Bursa S4(a) Amount of air emissions of pollutants and particulate matter	N/A	0	0	0

Notes:

1. Figures stated may not add up due to rounding of decimals.

2. The data and information provided have been prepared to the best of our ability in ensuring completeness, accuracy and reliability.

^a Emissions from Category 1 is stated as avoided emissions due to the reduced purchase of goods compared to the previous year as well as the purchase of more sustainable products which are FSC and PEFC-certified. The emissions for Category 14 and 15 are not applicable to Sunway Berhad, meanwhile the other categories with no values are in the midst of review for disclosure.

^b Sector-specific indicator S4(a) is not applicable to Sunway Berhad. We monitor these parameters according to the Environmental Quality Act 1974.

Internal assurance

External assurance

No assurance

(*)Restated



 BURSA MALAYSIA'S COMMON AND SECTOR-SPECIFIC INDICATORS

Indicator	Measurement Unit	2021	2022	2023
Bursa (Materials)				
Bursa S5(a) Total weight or volume of materials that are used to produce and package products and services				
Property Development - Concrete	Metric tonnes	165,300.00	221,133.00	805,170.00
Property Development - Formwork	Metric tonnes	17,650.00	831.00	1,013.00
Property Development - Reinforced bars	Metric tonnes	186,800.00	2,793,658.00	842,489.00
Building Materials - Coarse sand	Tonnes	73,245.00	123,279.00	145,697.00
Building Materials - Rubber rings	Pieces	623,099	623,481	625,785
Building Materials - Packing materials	Pieces	299,534	330,191	336,548
Quarry - Bitumen	Metric tonnes	104,664.00	93,259.00	97,012.00
Quarry - Aggregates	Metric tonnes	1,611,443.00	1,201,518.00	1,465,488.00
Quarry - Fibre	Kilograms	1,004,280.00	1,315,033.00	2,172,530.00
Bursa (Supply Chain (Environmental)/Supplier Environmental Assessment)				
Bursa S6(a) Percentage of new suppliers that were screened using environmental criteria	Percentage	100.00	100.00	100.00
Bursa S6(b) Number of suppliers assessed for environmental impacts	Number	0	0	2,233
Bursa (Supply Chain (Social)/Supplier Social Assessment)				
Bursa S7(a) Percentage of new suppliers that were screened using social criteria	Percentage	100.00	100.00	100.00
Bursa S7(b) Number of suppliers assessed for social impacts	Number	0	0	2,233
Bursa (Effluents)^a				
Bursa S8(a) Total volume of water (effluent) discharge over the reporting period	N/A	0	0	0

Notes:

- Figures stated may not add up due to rounding of decimals.
 - The data and information provided have been prepared to the best of our ability in ensuring completeness, accuracy and reliability.
- ^a Sector-specific indicator S8(a) is not applicable to Sunway Berhad. We monitor these parameters according to the Environmental Quality Act 1974.

Internal assurance

External assurance

No assurance

(*)Restated



KEY PERFORMANCE INDICATORS

GRI 2-4

Sunway Berhad aligns its sustainability performance data with the three pillars of the World Economic Forum's International Business Council: Principles of Governance, Planet, and People. The accuracy of the 2023 data within this section has been reviewed by our Internal Audit Department as well as SIRIM QAS International Sdn Bhd. We have restated some of the figures from 2019 to 2022 under the Planet and People pillars.

For more information on Restatements, please refer to page 162.



PLANET

Indicator	Unit of Measurement	2019	2020	2021	2022	2023
Emissions						
i. GHG Emissions						
Scope 1						
Company facilities	tonnes CO ₂ e	49,065	41,915	47,705	55,557	101,559
	tonnes CO ₂	48,916	41,763	47,530	55,356	101,266
	tonnes CH ₄	63	52	65	76	122
	tonnes N ₂ O	86	100	110	125	171
Company vehicles	tonnes CO ₂ e	36	3,617	2,550	1,039	2,796
	tonnes CO ₂	36	3,567	2,511	1,030	2,760
	tonnes CH ₄	0.1	0.9	0.5	0.4	0.8
	tonnes N ₂ O	0.1	49	38	9	35
Scope 1 Subtotal	tonnes CO₂e	49,101	45,532	50,255	56,596	104,355
	tonnes CO₂	48,952	45,330	50,041	56,386	104,026
	tonnes CH₄	63	53	65	76	123
	tonnes N₂O	86	149	148	134	206
Scope 2						
Purchased electricity	tonnes CO ₂ e	48,770	43,078	53,570	70,696	188,898
	tonnes CO ₂	48,770	43,078	53,570	70,696	188,898
Scope 2 Subtotal	tonnes CO₂e	48,770	43,078	53,570	70,696	188,898
	tonnes CO₂	48,770	43,078	53,570	70,696	188,898
Scope 3						
Category 1: Purchased goods and services	tonnes CO ₂ e	-	-	-	-	-
Category 2: Capital goods	tonnes CO ₂ e	-	-	-	-	-
Category 3: Fuel- and energy- related activities	tonnes CO ₂ e	-	-	-	-	-
Category 4: Upstream transportation and distribution	tonnes CO ₂ e	-	-	-	-	-
Category 5: Waste generated in operations	tonnes CO ₂ e	8,637	5,622	5,767	7,955	9,704

Notes:

1. '-' refers to data not available.
2. Figures stated may not add up due to rounding of decimals.
3. The data and information provided have been prepared to the best of our ability in ensuring completeness, accuracy and reliability.

KEY PERFORMANCE INDICATORS



PLANET

Indicator	Unit of Measurement	2019	2020	2021	2022	2023
Scope 3 (continued)						
Category 6: Business Travel	tonnes CO ₂ e	2,572	3,121	2,071	1,210	2,883
	tonnes CO ₂	2,075	2,448	1,612	1,168	2,336
	tonnes CH ₄	2	4	3	2	4
	tonnes N ₂ O	14	6	4	7	10
Category 7: Employee commuting	tonnes CO ₂ e	-	-	-	19,231	10,843
Category 8: Upstream leased assets	tonnes CO ₂ e	-	-	-	-	-
Category 9: Downstream transportation and distribution	tonnes CO ₂ e	-	-	-	-	-
Category 10: Processing of sold products	tonnes CO ₂ e	-	-	-	-	-
Category 11: Use of sold products	tonnes CO ₂ e	-	-	-	-	-
Category 12: End-of-life treatment of sold products	tonnes CO ₂ e	-	-	-	-	-
Category 13: Downstream leased assets	tonnes CO ₂ e	39,218	36,722	43,529	46,979	102,510
	tonnes CO ₂	39,218	36,722	43,529	46,979	102,510
Category 14: Franchises	tonnes CO ₂ e	N/A	N/A	N/A	N/A	N/A
Category 15: Investment	tonnes CO ₂ e	N/A	N/A	N/A	N/A	N/A
Scope 3 Subtotal	tonnes CO₂e	50,427	45,465	51,367	75,375	125,940
	tonnes CO₂	41,293	39,170	45,142	48,147	104,846
	tonnes CH₄	2	4	3	2	4
	tonnes N₂O	14	6	4	7	10
Overall GHG Emissions						
Scope 1 and 2	tonnes CO₂e	97,871	88,610	103,825	127,292	293,253
	tonnes CO₂	97,722	88,408	103,611	127,082	292,924
	tonnes CH₄	63	53	65	76	123
	tonnes N₂O	86	149	148	134	206
Scope 1, 2 and 3	tonnes CO₂e	148,298	134,075	155,192	202,667	419,194
	tonnes CO₂	139,015	127,578	148,752	175,229	397,770
	tonnes CH₄	65	57	68	78	126
	tonnes N₂O	100	155	152	141	216

Notes:

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4. Scope 3 emissions includes well-to-tank emissions (in tonnes CO₂e).

 PLANET

Indicator	Unit of Measurement	2019	2020	2021	2022	2023
ii. GHG Emissions Avoidance						
Scope 2						
Renewable energy - Solar PV	tonnes CO ₂ e	705	3,551	6,890	7,397	9,098
	tonnes CO ₂	705	3,551	6,890	7,397	9,098
Renewable energy - Green Electricity Tariff (GET)	tonnes CO ₂ e	-	-	-	-	11,858
	tonnes CO ₂ e	-	-	-	-	11,858
Scope 2 Subtotal	tonnes CO₂e	705	3,551	6,890	7,397	20,956
	tonnes CO₂	705	3,551	6,890	7,397	20,956
Scope 3						
Category 1: Purchased goods and services	tonnes CO ₂ e	1,039	2,330	610	455	1,457
Category 5: Waste generated in operations	tonnes CO ₂ e	518	409	334	530	1,147
Scope 3 Subtotal	tonnes CO₂e	1,557	2,739	944	985	2,604
Carbon Sequestration						
Number of trees planted in Sunway townships	number of trees	177,168	222,459	253,977	270,621	272,315
Total GHG emission sequestration from trees planted	tonnes CO ₂ e	3,721	4,672	5,334	5,683	5,719
Overall GHG Emissions Avoidance						
GHG emissions avoidance	tonnes CO₂e	5,983	10,962	13,168	14,065	29,278

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KEY PERFORMANCE INDICATORS



PLANET

Indicator	Unit of Measurement	2019	2020	2021	2022	2023	
Energy							
i. Electricity Consumption							
Purchased Electricity							
Retail	MWh	174,355	146,669	131,218	175,433	189,236	
Hospitality		49,459	31,360	25,298	42,361	48,882	
Office		24,740	24,231	20,861	26,923	30,289	
Education		27,971	20,203	18,611	26,291	28,330	
Healthcare		28,438	30,809	32,475	33,940	35,389	
Leisure		17,329	9,933	7,604	14,842	15,075	
Student Residence		6,297	6,885	5,131	9,371	11,238	
Building Materials		8,299	7,896	6,970	9,028	10,073	
Trading and Manufacturing		-	999	1,092	1,146	1,670	
Quarry		9,976	8,686	9,304	10,484	14,261	
Ongoing Construction Sites		-	2,320	2,634	4,942	6,934	
Total Purchased Electricity (Excluding Ongoing Construction Sites)			346,864	287,671	258,564	349,819	384,444
Total Purchased Electricity			346,864	289,991	261,198	354,761	391,377
Renewable Energy - Solar PV							
Retail	MWh	141	4,841	4,807	4,942	6,230	
Hospitality		0	0	0	292	320	
Office		0	0	0	89	158	
Education		937	964	1,547	1,524	1,695	
Healthcare		86	198	376	472	465	
Student Residence		42	67	209	247	241	
Building Materials		0	0	2,151	2,194	2,171	
Others		0	0	0	0	724	
Total Renewable Energy - Solar Panels			1,205	6,070	9,090	9,759	12,002

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 PLANET

Indicator	Unit of Measurement	2019	2020	2021	2022	2023
Renewable Energy - Green Electricity Tariff (GET)						
Retail	MWh	0	0	0	0	14,185
Office		0	0	0	0	563
Student Residence		0	0	0	0	896
Total Renewable Energy - GET		0	0	0	0	15,644
Total Electricity Consumption						
Retail	MWh	174,495	151,510	136,024	180,375	209,652
Hospitality		49,459	31,360	25,298	42,654	49,201
Office		24,740	24,231	20,861	27,012	31,010
Education		28,908	21,166	20,158	27,814	30,025
Healthcare		28,525	31,007	32,851	34,411	35,854
Leisure		17,329	9,933	7,604	14,842	15,075
Student Residence		6,339	6,952	5,340	9,618	12,375
Building Materials		8,299	7,896	9,121	11,222	12,243
Trading and Manufacturing		-	999	1,092	1,146	1,670
Quarry		9,976	8,686	9,304	10,484	14,261
Others		-	-	-	-	724
Ongoing Construction Sites		-	2,320	2,634	4,942	6,934
Total Electricity Consumption (Excluding Ongoing Construction Sites)		348,069	293,740	267,654	359,578	412,090
Total Electricity Consumption		348,069	296,060	270,288	364,521	419,024
% of Renewable Energy	%	0.3%	2%	3%	3%	3%
ii. Fuel Consumption						
Diesel						
Retail	MWh	-	-	-	-	24
Hospitality		-	-	-	-	21
Office		-	-	-	-	34
Building Materials		1,872	1,910	3,095	5,129	4,309
Quarry		-	24,944	24,806	19,266	19,779
Total Diesel		1,872	26,853	27,900	24,394	24,167

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KEY PERFORMANCE INDICATORS

 **PLANET**

Indicator	Unit of Measurement	2019	2020	2021	2022	2023
Light Fuel Oil						
Quarry	MWh	105,358	94,745	95,553	108,185	103,140
Total Light Fuel Oil		105,358	94,745	95,553	108,185	103,140
Natural Gas						
Building Materials	MWh	110,425	76,905	89,185	113,432	102,793
Quarry		-	-	17,030	17,030	20,745
Total Natural Gas		110,425	76,905	106,214	130,462	123,538
Liquefied Petroleum Gas						
Retail	MWh	-	-	-	-	204,084
Hospitality		-	-	-	-	8,599
Total Liquefied Petroleum Gas		-	-	-	-	212,684
Total Fuel Consumption						
Retail	MWh	-	-	-	-	204,108
Hospitality		-	-	-	-	8,621
Office		-	-	-	-	34
Building Materials		112,297	78,814	92,279	118,561	107,102
Quarry		105,358	119,689	137,389	144,481	143,663
Total Fuel Consumption		217,656	198,503	229,668	263,042	463,528
iii. Total Energy Consumption						
Retail	MWh	174,495	151,510	136,024	180,375	413,760
Hospitality		49,459	31,360	25,298	42,654	57,822
Office		24,740	24,231	20,861	27,012	31,044
Education		28,908	21,166	20,158	27,814	30,025
Healthcare		28,525	31,007	32,851	34,411	35,854
Leisure		17,329	9,933	7,604	14,842	15,075
Student Residence		6,339	6,952	5,340	9,618	12,375
Building Materials		120,596	86,711	101,400	129,783	119,345
Quarry		115,334	128,375	146,692	154,965	157,924
Others		-	-	-	-	724

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 PLANET

Indicator	Unit of Measurement	2019	2020	2021	2022	2023
iii. Total Energy Consumption (continued)						
Trading and Manufacturing		-	999	1,092	1,146	1,670
Ongoing Construction Sites		-	2,320	2,634	4,942	6,934
Total Energy Consumption (Excluding Ongoing Construction Sites)	MWh	565,725	492,244	497,322	622,620	875,618
Total Energy Consumption		565,725	494,564	499,956	627,562	882,552
iv. Others						
Company's total property portfolio certified to a recognised building management standard for property						
Green townships	Number	2	2	2	2	2
Green buildings		13	18	27	33	41
Water						
i. Municipal Water Consumption						
Retail		1,943,257	1,320,055	902,170	983,876	1,320,905
Hospitality		1,161,976	624,750	460,157	704,334	687,965
Office		212,427	162,841	108,008	147,751	178,392
Education		444,230	434,399	106,051	121,344	175,659
Healthcare		234,954	258,746	299,196	306,930	284,874
Leisure		1,144,497	494,581	275,029	500,728	721,737
Student Residence		299,562	142,762	131,420	354,007	405,358
Building Materials	m ³	46,048	39,544	34,059	42,003	28,893
Trading and Manufacturing		-	16,907	32,841	28,654	34,849
Quarry		-	-	-	-	5,248
Ongoing Construction Sites		-	68,996	123,567	200,160	193,256
Total Municipal Water Consumption (Excluding Ongoing Construction Sites)		5,486,951	3,494,585	2,348,931	3,189,627	3,843,879
Total Municipal Water Consumption		5,486,951	3,563,581	2,472,498	3,389,787	4,037,135

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KEY PERFORMANCE INDICATORS



PLANET

Indicator	Unit of Measurement	2019	2020	2021	2022	2023
ii. Water Treatment Plant						
Retail	m ³	13,581	311,031	587,602	757,819	685,887
Hospitality		9,351	57,065	132,797	336,536	339,078
Office		11,821	63,827	89,169	146,890	146,249
Education		124	49,594	73,517	130,691	136,547
Healthcare		0	4,387	0	0	0
Leisure		417	7,239	7,661	10,893	9,120
Student Residence		-	45,563	59,247	0	0
Total Water Treatment Plant			35,294	538,706	949,993	1,382,828
iii. Rainwater Harvesting						
Retail	m ³	-	2,100	0	0	0
Hospitality		-	24	255	259	414
Office		1,098	3,004	4,913	5,936	4,385
Education		-	817	132	576	523
Leisure		-	1,791	441	1,158	1,441
Student Residence		-	-	-	167	218
Total Rainwater Harvesting			1,098	7,736	5,741	8,096
iv. Groundwater						
Leisure	m ³	-	2,419	2,448	2,450	2,689
Total Groundwater			-	2,419	2,448	2,450
v. Lake Water						
Quarry	m ³	-	-	-	-	81,095
Sunway City Kuala Lumpur		-	12,800	5,166	4,949	5,210
Total Lake Water			-	12,800	5,166	4,949
vi. Overall Water Consumption						
Retail	m ³	1,956,838	1,633,186	1,489,773	1,741,695	2,006,792
Hospitality		1,171,327	681,839	593,209	1,041,129	1,027,456
Office		225,346	229,672	202,091	300,577	329,026
Education		444,354	484,810	179,700	252,611	312,728
Healthcare		234,954	263,133	299,196	306,930	284,874
Leisure		1,144,914	506,030	285,579	515,229	734,952

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 PLANET

Indicator	Unit of Measurement	2019	2020	2021	2022	2023
vi. Overall Water Consumption (continued)						
Student Residence	m ³	299,562	188,325	190,667	354,174	405,576
Building Materials		46,048	39,544	34,059	42,003	28,893
Trading and Manufacturing		-	16,907	32,841	28,654	34,849
Quarry		-	-	-	-	86,343
Sunway City Kuala Lumpur		-	12,800	5,166	4,949	5,210
Ongoing Construction Sites		-	68,996	123,567	200,160	193,204
Overall Water Consumption (Excluding Ongoing Construction Sites)			5,523,343	4,056,246	3,312,279	4,587,949
Overall Water Consumption		5,523,343	4,125,242	3,435,846	4,788,109	5,449,938
vii. Others						
The number and/or proportion of sites with a water management plan	Number	100%	100%	100%	100%	100%
The number and/or proportion of facilities, assets, production, revenue in water-stressed regions		0	0	0	0	0
Water withdrawals/consumption in water stressed regions		0	0	0	0	0
Number of incidents of non-compliance with water quality/quantity permits, standards and regulations		0	0	0	0	0
Waste						
i. Non-Hazardous Waste						
Disposed Waste						
Retail	tonnes	8,654	7,223	7,530	11,990	11,762
Hospitality		2,472	2,263	1,432	1,892	2,191
Office		1,050	494	1,463	576	522
Education		356	149	284	562	785
Healthcare		1,006	1,164	1,149	1,229	1,728
Leisure		200	950	488	976	998
Student Residence		-	-	-	106	230
Building Materials		17	3	217	0	293
Quarry		-	-	-	1	8

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KEY PERFORMANCE INDICATORS



PLANET

Indicator	Unit of Measurement	2019	2020	2021	2022	2023
i. Non-Hazardous Waste (continued)						
Trading and Manufacturing		-	-	-	0	80
Ongoing Construction Sites	tonnes	-	3,781	7,822	4,785	307
Total Disposed Waste (Excluding Ongoing Construction Sites)		13,756	12,246	12,563	17,332	18,597
Total Disposed Waste		13,756	16,027	20,386	22,117	18,904
Diverted Waste						
Retail		424	322	272	425	847
Hospitality		89	141	36	78	162
Office		12	13	18	34	44
Education		27	14	11	22	43
Healthcare		5	17	25	27	127
Leisure		16	16	11	20	20
Student Residence	tonnes	1	1	1	1	0
Building Materials		0	0	66	59	218
Quarry		0	0	10	29	85
Trading and Manufacturing		43	9	46	27	40
Ongoing Construction Sites		0	0	308	286	734
Total Diverted Waste (Excluding Ongoing Construction Sites)		617	533	498	722	1,584
Total Diverted Waste		617	533	806	1,008	2,318
Overall Waste						
Retail		9,078	7,545	7,802	12,415	12,609
Hospitality		2,561	2,404	1,468	1,969	2,353
Office		1,062	507	1,481	610	566
Education		383	163	296	584	828
Healthcare		1,011	1,181	1,175	1,257	1,855
Leisure	tonnes	216	967	499	996	1,017
Student Residence		1	1	1	106	230
Building Materials		17	3	283	59	511
Quarry		-	-	10	30	93
Trading and Manufacturing		43	9	46	27	120

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 PLANET

Indicator	Unit of Measurement	2019	2020	2021	2022	2023
Overall Waste (continued)						
Ongoing Construction Sites		-	3,781	8,130	5,071	1,041
Overall Non-Hazardous Waste (Excluding Ongoing Construction Sites)	tonnes	14,373	12,780	13,061	18,054	20,182
Overall Non-Hazardous Waste		14,373	16,561	21,191	23,125	21,223
ii. Hazardous Waste						
Disposed Waste (Incineration)						
Education		20	14	10	22	28
Healthcare		335	437	661	762	852
Leisure		0	0	0	0	1
Building Materials	tonnes	6	11	6	19	20
Quarry		0	1	11	19	15
Trading and Manufacturing		0	0	5	0	2
Total Disposed Waste (Incineration)		361	463	693	822	919
Diverted Waste						
Retail		1.9	-	-	-	1.0
Hospitality		0.4	0.3	0.1	1.0	1.9
Office		-	0.2	9.0	-	6.8
Education	tonnes	-	0.6	2.0	2.2	3.2
Healthcare		-	-	-	-	9.1
Leisure		-	-	-	-	3.2
Total Diverted Waste		2	1	11	3	25
% of Waste Diverted from Landfill	%	4.3%	4.2%	3.9%	4.0%	8.0%
iii. Others						
Total costs of environmental fines and penalties during financial year*	RM	0	0	0	0	0
Sites covered by recognised environmental management systems such as ISO14001 or EMAS	Number	6	6	6	6	6

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- * The fines and penalties disclosed here are limited to only those determined as significant according to local authorities and regulations.

KEY PERFORMANCE INDICATORS



PLANET

Parameter	Unit of Measurement	Compliance Limit	2023		
			Min	Max	Average
Environmental Pollution Control					
i. Effluent					
Building Materials					
Sunway Paving Solutions and Sunway Spun Pile					
pH	Number	6.0-9.0	6.4	8.0	7.2
BOD	mg/l	20	5	23	11
COD		80	13	102	39
Sunway VCP					
pH	Number	6.0-9.0	7.6	8.0	7.8
BOD	mg/l	50	10	30	18
COD		200	22	81	45
Quarry					
pH		6.0-9.0	5.6	8.2	6.6
BOD	mg/l	20-50	1	4	1
COD		80-200	Not detected	24	4.8
Total Suspended Solids (TSS)		50-100	Not detected	612	45
Oil and Grease		1-10	Not detected	4	1.4
Ongoing Construction Sites					
Total Suspended Solids (TSS) of Inland Water	mg/l	100-150	1	251	42
Total Suspended Solids (TSS) of Silt Trap		50-100	No discharge	236	26
ii. Air Emission					
Building Materials					
Sunway Paving Solutions and Sunway Spun Pile					
PM10	µg/m ³	100	19	36	25
PM2.5		35	12	23	16
SO ₂		250	0.1	21	5
NO ₂		280	0.1	45	11
CO		10000	0.1	19	5
O ₃		100	15	30	19

Note:

1. We ensure that mitigation actions are taken at sites which exceeded the compliance limit.



Parameter	Unit of Measurement	Compliance Limit	2023		
			Min	Max	Average
ii. Air Emission (continued)					
Building Materials					
Sunway VCP					
Dust		150	19.5	35	26
NM VOC (Halogenated Hydrocarbon)	mg/m ³	20	2.1	3	2
NM VOC (Non Halogenated Hydrocarbon)		50	3.1	12	5
Carbon Monoxide		1,000	10.3	21	17
Quarry					
Particulate Matter	mg/m ³	50-100	0.6	90	45
Ambient Air		260	14	115	52
Ongoing Construction Sites					
Total Suspended Particles	µg/m ³	260	11.1	165	50
PM10		100	5.4	232	38
iii. Noise Monitoring					
Building Materials					
Sunway Paving Solutions and Sunway Spun Pile					
Boundary Noise	dB	Day time = 75	58	71	64
		Night time = 75	49	74	56
Sunway VCP					
Boundary Noise	dB	Day time = 75	54	68	64
		Night time = 75	47	57	53
Quarry					
Boundary Noise	dB	Day time = 65	45	68	57
		Night time = 55	37	63	48
Ongoing Construction Sites					
Boundary Noise	dB	Day time = 60-95	50	74	63
		Night time = 50-70	14	71	57

Notes:

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2. We ensure that mitigation actions are taken at sites which exceeded the compliance limit.

KEY PERFORMANCE INDICATORS



PLANET

Indicator	Unit of Measurement	2019	2020	2021	2022	2023
Supply Chain						
i. Materials used to produce and package products and services						
Property Development						
Concrete		-	-	165,300	221,133	805,170
Formwork	metric tonnes	-	-	17,650	831	1,013
Reinforced bars		-	-	186,800	2,793,658	842,489
Building Materials						
Coarse sand	tonnes	-	-	73,245	123,279	145,697
Rubber rings		-	-	623,099	623,481	625,785
Packing materials	pieces	-	-	299,534	330,191	336,548
Quarry						
Bitumen		-	-	104,664	93,259	97,012
Aggregates	metric tonnes	-	-	1,611,443	1,201,518	1,465,488
Fibre	kg	-	-	1,004,280	1,315,033	2,172,530
ii. Recycled materials						
Property Development						
Recycled materials used in ongoing developments	%	-	-	-	-	100%
iii. Suppliers						
Proportion of spending on local suppliers	%	95%	95%	95%	93%	85%
Percentage of new suppliers that were screened using environmental criteria	%	-	-	100%	100%	100%
Number of suppliers assessed for environmental impacts	Number	-	-	-	-	2,233
Percentage of new suppliers that were screened using social criteria	%	-	-	100%	100%	100%
Number of suppliers assessed for social impacts	Number	-	-	-	-	2,233

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PEOPLE

Indicator	2021		2022		2023		
	Number	%	Number	%	Number	%	
Employee Profile							
Total employees	9,810	-	9,479	-	11,828	-	
Total attrition	1,564	15.9%	2,636	27.8%	2,105	17.8%	
Total retention	-	84.1%	-	72.2%	-	82.2%	
i. Board Diversity							
Gender							
Male	7	70%	6	60%	6	60%	
Female	3	30%	4	40%	4	40%	
Total	10	100%	10	100%	10	100%	
Age Group							
40-50 years old	1	10%	1	10%	1	10%	
>50 years old	9	90%	9	90%	9	90%	
Total	10	100%	10	100%	10	100%	
Ethnicity							
Malay	2	20%	2	20%	4	40%	
Chinese	6	60%	6	60%	5	50%	
Others	2	20%	2	20%	1	10%	
Total	10	100%	10	100%	10	100%	
ii. Employee Diversity							
Gender							
Executives	Male	1,631	17%	1,843	19%	2,121	18%
	Female	3,102	32%	3,536	37%	4,411	37%
Non-executives	Male	2,969	30%	2,490	26%	2,922	25%
	Female	2,108	21%	1,610	17%	2,374	20%
Total		9,810	100%	9,479	100%	11,828	100%

Notes:

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KEY PERFORMANCE INDICATORS

PEOPLE

Indicator	2021		2022		2023		
	Number	%	Number	%	Number	%	
Age Group							
Executives	Below 30 years old	1,563	16%	2,128	22%	2,279	19%
	Between 30 to 40 years old	1,776	18%	1,871	20%	2,553	22%
	Between 40 to 50 years old	906	9%	915	10%	1,179	10%
	More than 50 years old	488	5%	465	5%	521	4%
Non-executives	Below 30 years old	2,605	27%	1,804	19%	2,342	20%
	Between 30 to 40 years old	1,359	14%	1,300	14%	1,694	14%
	Between 40 to 50 years old	671	7%	616	6%	817	7%
	More than 50 years old	442	5%	380	4%	443	4%
Total	9,810	100%	9,479	100%	11,828	100%	
Ethnicity							
Executives	Malay	1,494	15%	1,846	19%	2,404	20%
	Chinese	2,425	25%	2,657	28%	3,130	26%
	Indian	582	6%	627	7%	723	6%
	Other races	176	2%	205	2%	241	2%
	Foreigner	56	1%	44	0%	34	0%
Non-executives	Malay	2,851	29%	2,610	28%	3,456	29%
	Chinese	635	6%	231	2%	322	3%
	Indian	847	9%	777	8%	908	8%
	Other races	637	6%	355	4%	404	3%
	Foreigner	107	1%	127	1%	206	2%
Total	9,810	100%	9,479	100%	11,828	100%	

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PEOPLE

Indicator	2021		2022		2023		
	Number	%	Number	%	Number	%	
Years of Service							
Executives	Less than 1 year	638	7%	1,626	17%	1,402	12%
	Between 1 to 5 years	2,347	24%	2,084	22%	3,175	27%
	Between 5 to 10 years	845	9%	801	8%	948	8%
	Between 10 to 15 years	424	4%	385	4%	462	4%
	Between 15 to 20 years	210	2%	228	2%	274	2%
	More than 20 years	269	3%	255	3%	271	2%
Non-executives	Less than 1 year	804	8%	1,282	14%	1,189	10%
	Between 1 to 5 years	2,622	27%	1,308	14%	2,390	20%
	Between 5 to 10 years	754	8%	665	7%	804	7%
	Between 10 to 15 years	409	4%	385	4%	402	3%
	Between 15 to 20 years	299	3%	274	3%	285	2%
	More than 20 years	189	2%	186	2%	226	2%
Total	9,810	100%	9,479	100%	11,828	100%	
iii. New Hires							
Total new hires	1,381	-	3,616	-	4,171	-	
Gender							
Male	589	43%	1,562	43%	1,647	39%	
Female	792	57%	2,054	57%	2,524	61%	
Total	1,381	100%	3,616	100%	4,171	100%	
Age Group							
Below 30 years old	942	68%	2,390	66%	2,545	61%	
Between 30 to 40 years old	322	23%	892	25%	1,227	29%	
Between 40 to 50 years old	90	7%	234	6%	312	7%	
More than 50 years old	27	2%	100	3%	87	2%	
Total	1,381	100%	3,616	100%	4,171	100%	
Ethnicity							
Malay	644	47%	1,874	52%	2,257	54%	
Chinese	510	37%	926	26%	1,000	24%	
Indian	152	11%	518	14%	576	14%	
Other races	75	5%	298	8%	338	8%	
Total	1,381	100%	3,616	100%	4,171	100%	

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KEY PERFORMANCE INDICATORS

PEOPLE

Indicator	2021		2022		2023		
	Number	%	Number	%	Number	%	
Employee Category							
Senior Management (EG 9 & above)	10	1%	27	1%	18	0%	
Manager and Senior Manager (EG 5-8)	96	7%	196	5%	219	5%	
Senior Executive & Assistant Manager (EG 3-4)	174	13%	469	13%	447	11%	
Executives (EG 1-2)	525	38%	1,191	33%	1,256	30%	
Non-executives	576	42%	1,733	48%	2,231	53%	
Total	1,381	100%	3,616	100%	4,171	100%	
Region							
Domestic	Male	589	43%	1,562	43%	1,647	39%
	Female	792	57%	2,054	57%	2,524	61%
Overseas	Male	0	0%	0	0%	0	0%
	Female	0	0%	0	0%	0	0%
Total	1,381	100%	3,616	100%	4,171	100%	
Age							
Domestic	Below 30 years old	942	68%	2,390	66%	2,545	61%
	Between 30 to 40 years old	322	23%	892	25%	1,227	29%
	Between 40 to 50 years old	90	7%	234	6%	312	7%
	More than 50 years old	27	2%	100	3%	87%	2%
Overseas	Below 30 years old	0	0%	0	0%	0	0%
	Between 30 to 40 years old	0	0%	0	0%	0	0%
	Between 40 to 50 years old	0	0%	0	0%	0	0%
	More than 50 years old	0	0%	0	0%	0	0%
Total	1,381	100%	3,616	100%	4,171	100%	
iv. Employment Status							
Gender							
Permanent	Male	4,150	42%	4,072	43%	4,548	38%
	Female	4,514	46%	4,952	52%	6,535	55%
Contract	Male	450	5%	261	3%	495	4%
	Female	696	7%	194	2%	250	2%
Total	9,810	100%	9,479	100%	11,828	100%	
Part-time/Non-guaranteed hours	Male	558	6%	97	1%	93	1%
	Female	317	3%	0	0%	0	0%
Full-time	Male	4,042	41%	4,236	45%	4,950	42%
	Female	4,893	50%	5,146	54%	6,785	57%
Total	9,810	100%	9,479	100%	11,828	100%	

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PEOPLE

Indicator	2021		2022		2023		
	Number	%	Number	%	Number	%	
Region							
Permanent	Domestic	8,664	88%	9,024	95%	11,083	94%
	Overseas	0	0%	0	0%	0	0%
Contract	Domestic	1,146	12%	455	5%	745	6%
	Overseas	0	0%	0	0%	0	0%
Total		9,810	100%	9,479	100%	11,828	100%
Part-time/Non-guaranteed hours	Domestic	875	9%	97	1%	93	1%
	Overseas	0	0%	0	0%	0	0%
Full-time	Domestic	8,935	91%	9,382	99%	11,735	99%
	Overseas	0	0%	0	0%	0	0%
Total		9,810	100%	9,479	100%	11,828	100%
v. Employee Turnover							
Total turnover		1,564	15.9%	2,636	27.8%	2,105	17.8%
Gender							
Male		711	45%	1,279	49%	889	42%
Female		853	55%	1,357	51%	1,216	58%
Total		1,564	100%	2,636	100%	2,105	100%
Age Group							
Below 30 years old		847	54%	1,509	57%	1,049	50%
Between 30 to 40 years old		517	33%	703	27%	702	33%
Between 40 to 50 years old		145	9%	241	9%	217	10%
More than 50 years old		55	4%	183	7%	137	7%
Total		1,564	100%	2,636	100%	2,105	100%

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KEY PERFORMANCE INDICATORS

PEOPLE

Indicator	2021		2022		2023	
	Number	%	Number	%	Number	%
Ethnicity						
Malay	772	49%	1,283	49%	1,019	48%
Chinese	459	29%	654	25%	616	29%
Indian	210	13%	385	15%	354	17%
Other races	123	8%	314	12%	116	6%
Total	1,564	100%	2,636	100%	2,105	100%
Employee Category						
Senior Management (EG 9 & above)	12	1%	26	1%	16	1%
Manager and Senior Manager (EG 5-8)	85	5%	142	5%	135	6%
Senior Executive & Assistant Manager (EG 3-4)	202	13%	317	12%	306	15%
Executives (EG 1-2)	515	33%	698	26%	637	30%
Non-executives	750	48%	1,453	55%	1,011	48%
Total	1,564	100%	2,636	100%	2,105	100%
vi. Women Diversity						
Women in workforce	5,210	53%	5,146	54%	6,785	57%
Management Positions						
Women in executive management (Board of Directors)	3	30%	4	40%	4	40%
Women in all management positions	1,283	58%	1,583	60%	2,372	61%
Women in top management positions (EG 9 & above)	56	31%	69	35%	75	36%
Women in junior management positions (EG 3 & EG 4)	808	66%	512	33%	1,198	68%
Women in management positions in revenue-generating functions	286	48%	125	48%	333	52%
Women in STEM-related positions	2,541	73%	2,941	70%	3,662	74%
Women's to men's basic salary ratio	Excluding foreign workers		0.9 : 1		0.90 : 1	0.89 : 1
	Including foreign workers		1 : 1		0.98 : 1	0.99 : 1
Average years employed by the company	Male	6.5	-	6.2	-	6.0
	Female	5.2	-	4.7	-	4.3
Average annual compensation (RM)	Male	-	-	-	-	108,600
	Female	-	-	-	-	92,900

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 PEOPLE

Indicator	2021		2022		2023	
	Number	%	Number	%	Number	%
vii. Minority Groups						
Total number of ethnic minority employees	163	2%	171	2%	240	2%
Proportion of senior management hired from local community (EG 9 & above)	-	97%	-	97%	-	98%
Percentage of global staff with a disability	5	0.05%	5	0.05%	4	0.03%
viii. Learning and Development						
Average training hours						
Per employee	26.2	-	41.7	-	40.6	-
Gender	Male	21.0	34.7	40.1	40.1	-
	Female	29.1	45.3	40.8	40.8	-
Employee Category	Senior Management (EG 9 & above)	21.4	31.0	54.3	54.3	-
	Manager and Senior Manager (EG 5-8)	25.5	37.8	49.7	49.7	-
	Senior Executive & Assistant Manager (EG 3-4)	26.7	40.5	41.8	41.8	-
	Executives (EG 1-2)	26.6	44.4	38.8	38.8	-
Ethnicity	Malay	25.9	39.2	37.8	37.8	-
	Chinese	26.2	45.2	43.9	43.9	-
	Indian	26.1	36.3	34.7	34.7	-
	Other races	29.8	35.9	43.1	43.1	-
Total training hours						
Gender	Male	85,187	64,068	85,048	85,048	-
	Female	33,059	160,132	179,997	179,997	-
	Total	118,246	224,200	265,045	265,045	-
Employee Category	Senior Management (EG 9 & above)	3,749	6,204	11,358	11,358	-
	Manager and Senior Manager (EG 5-8)	20,015	34,685	53,027	53,027	-
	Senior Executive & Assistant Manager (EG 3-4)	32,215	62,191	73,929	73,929	-
	Executives (EG 1-2)	62,267	121,120	126,729	126,729	-
	Others	0	0	2	2	-
Learning and development cost (RM)						
Total expenditure	293,514	-	2,636,676	-	12,288,183	-

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KEY PERFORMANCE INDICATORS

PEOPLE

Indicator	2021		2022		2023	
	Number	%	Number	%	Number	%
Average amount spent (RM)						
Per employee	65	-	490	-	1,881	-
Gender	Male	73	550	2,168	-	-
	Female	61	459	1,743	-	-
Age Group	Below 30 years old	56	408	1,130	-	-
	Between 30 to 40 years old	95	505	1,553	-	-
	Between 40 to 50 years old	48	738	3,340	-	-
	More than 50 years old	21	253	3,639	-	-
Ethnicity	Malay	36	345	842	-	-
	Chinese	94	630	2,889	-	-
	Indian	32	234	1,230	-	-
	Other races	31	719	1,198	-	-
Employee Category	Senior Management (EG 9 & above)	34	1,147	6,301	-	-
	Manager and Senior Manager (EG 5-8)	84	710	3,525	-	-
	Senior Executive & Assistant Manager (EG 3-4)	98	448	1,843	-	-
	Executives (EG 1-2)	44	391	1,125	-	-
Performance Review*						
Gender	Male	-	100%	-	100%	-
	Female	-	100%	-	100%	-
Employee Category	Executives	-	100%	-	100%	-
	Non-executives	-	100%	-	100%	-
Family-friendly Leaves						
Parental/childcare leave	Number of leave applications	965	1,559	2,055	-	-
	Number of days applied	978	1,680	2,100	-	-
Maternity leave	Number of leave applications	237	162	267	-	-
	Number of days applied	7,883	9,078	22,330	-	-
Paternity leave	Number of leave applications	117	136	96	-	-
	Number of days applied	318	350	641	-	-

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- * The performance review is based on the best available data.




PEOPLE

Indicator	2021		2022		2023	
	Number	Rate	Number	Rate	Number	Rate
Occupational Health and Safety						
i. Work-related injuries						
Employees						
Hours worked	9,966,848	-	12,014,601	-	18,916,654	-
Fatalities	1	0.1	0	0	0	0
High-consequence work-related injuries	0	0	0	0	4	0.21
Lost time injury	18	1.81	35	2.91	56	0.59
Recordable work-related injuries	38	3.81	47	3.91	78	4.12
Lost Time Incident Rate (LTIR)	-	-	-	-	56	0.59
Non-Employees¹						
Hours worked	33,311,138	-	17,642,823	-	19,717,964	-
Fatalities	0	0	0	0	0	0
High-consequence work-related injuries	0	0	0	0	0	0
Lost time injury	1	0.03	3	0.17	0	0
Recordable work-related injuries	3	0.09	8	0.45	2	0.10
Lost Time Incident Rate (LTIR)	-	-	-	-	-	0
ii. Work-related ill health						
Employees						
Number of fatalities	0	-	0	-	0	0
Number of recordable work-related ill health	0	-	1	-	5	0
Main types of work-related ill health	N/A	-	Needle stick injury and manual handling	-	Overexertion or strenuous movements and manual handling	-
Non-Employees¹						
Number of fatalities	0	0	0	0	0	0
Number of recordable work-related ill health	0	0	0	0	0	0
Main types of work-related ill health	N/A	-	N/A	-	N/A	-
iii. Trainings and certifications						
Number of employees trained on health and safety standards	2,443	-	9,181	-	6,524	-
Sites with ISO 45001 certification	1	-	2	-	4	-

Notes:

1. Non-employees excludes part-timers and interns since they are hired on an ad-hoc basis.

2. The rates are calculated based on 1,000,000 hours worked (excluding LTIR).

3. Work-related hazards that pose a risk of ill health are identified using HIRARC assessment and incident statistics, chemical health risk assessments (CHRA), chemical exposure monitoring, medical records, stakeholder feedback.



KEY PERFORMANCE INDICATORS



PEOPLE

Indicator	Unit of Measurement	2021	2022	2023
Community Investment				
Amount invested in the community where the target beneficiaries are external to the listed issuer	RM (in million)	214	6.29	7.82
Total number of beneficiaries of the investment in communities	Number	94,500	85,860	202,950
Total employee volunteer hours on community impact programmes	Hours	38,700	3,977	3,761
Customer				
i. Customer satisfaction index				
Office		99%	99%	99%
Retail		98%	57%	78%
Hospitality	%	91%	89%	89%
Healthcare		98%	89%	91%
Property Development		97%	99%	91%
ii. QCLASSIC Score				
Property Development	%	87%	84%	82%

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PROSPERITY

Indicator	Unit of Measurement	2021	2022	2023
Economic Performance				
Economic Value Generated				
Revenue	RM ('000)	3,717,308	5,194,949	6,136,199
Economic Value Distributed				
Employees (Salaries and other staff costs)		608,832	780,022	878,840
Government (Corporate taxation)		116,229	164,348	137,685
Providers of capital (Dividends)		151,960	222,451	321,544
Providers of capital (Finance costs)	RM ('000)	102,301	202,150	328,006
Providers of capital (Minority interests)		54,166	76,255	117,787
Reinvestment and growth (Depreciation and amortisation)		133,478	130,190	141,415
Reinvestment and growth (Income retained by the Group)		195,710	522,409	534,112
Purchases of goods and services		1,120,448	1,373,862	1,694,702
Economic Value Retained				
Value retained	RM ('000)	1,234,184	1,723,262	1,982,108



PRINCIPLES OF GOVERNANCE

Indicator	Unit of Measurement	2021	2022	2023
Anti-Corruption				
Percentage of operations assessed for corruption-related risks	%	100%	100%	85%
Confirmed incidents of corruption and action taken		0	0	1
Disclosure of number of staff disciplined or dismissed due to non-compliance with anti-corruption policy/policies	Number	-	-	0
Disclosure of cost of fines, penalties or settlements in relation to corruption	RM	0	0	0
Data Privacy and Security				
Number of substantiated complaints concerning breaches of customer privacy or losses of customer	Number	1	0	0

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RESTATEMENTS

GRI 2-4

ENVIRONMENTAL

EMISSIONS

Scope 1 emissions

We have restated our Scope 1 emissions for Company Facilities from 2020-2022, as we have identified that the type of fuel used for the industrial sites is natural gas (NG), which was previously classified as Liquefied Petroleum Gas (LPG).

Scope 2 and 3 emissions

We have restated our Scope 2 (Purchased electricity) and Scope 3 (Downstream leased assets) emissions for 2021 and 2022 to reflect the revised emissions factor established by the Malaysian Green Technology and Climate Change Corporation (MGTC).

Emissions intensity performance

We have restated the emissions intensity performance for Building Materials and Quarry divisions due to enhancements in our data collection.

Carbon sequestration from trees planted

The number of trees planted from 2019 to 2022 has been restated due to improvements in data collection, leading to the restatement of carbon sequestration figures from trees planted in 2021 and 2022.

WATER

Water consumption and water intensity performance

The total water consumption and water intensity performance from 2019 and 2022 have been restated following improvements in data collection and adjustments of gross floor area (GFA).

SOCIAL

EMPLOYEES' DATA

We have restated the data and information related to employees for 2021 and 2022. This includes figures on the number of employees, turnover rate, number of new hires and learning and development data, to provide a more accurate representation of Sunway Berhad's operations.

ENERGY

Energy intensity targets

We have benchmarked the energy intensity target baselines of our managed assets against the Green Building Index (GBI) and Singapore's Building and Construction Authority (BCA) annual benchmarking report. Following a review of the GBI guideline and BCA benchmarking report, we have revised the energy intensity targets for Education and Hospitality divisions.

Energy consumption and energy intensity performance

We have restated the total energy consumption figures from 2019 to 2022, as we have identified that the type of fuel used for the industrial sites is natural gas (NG), which was previously classified as Liquefied Petroleum Gas (LPG). The total energy consumption and energy intensity performance have also been restated due to enhancements in data collection and adjustments of gross floor area (GFA).

WASTE

The total waste generated from 2019 to 2022 has been restated due to enhancements in data collection, including a Group-wide waste audit by Group Internal Audit Department.



MEMBERSHIP IN ASSOCIATIONS

GRI 2-28

Sunway's affiliations with various credible and prestigious associations reflect its commitment to good corporate governance.

	Name of Organisation	Sunway's Representation	
Corporate Governance / Leadership	Climate Governance Malaysia	Sunway Berhad	
	Malaysian Employers Federation	Sunway Berhad	
	Sustainable Development Solutions Network (SDSN) Malaysia	Tan Sri Sir Dr. Jeffrey Cheah, Chairman	
	Malaysian Crime Prevention Foundation - Selangor Chapter	Tan Sri Sir Dr. Jeffrey Cheah, Chairman	
	Jeffrey Cheah Foundation	Tan Sri Sir Dr. Jeffrey Cheah, Founder and Trustee	
	British Malaysian Chamber of Commerce	Ms. Nik Tasha Nik Kamaruddin - Deputy Chair	
Property Development	Real Estate and Housing Developers' Association (REHDA)	Ms. Sarena Cheah, National Council Member Mr. Chong Sau Min, Committee Member, REHDA Wilayah Persekutuan, Kuala Lumpur Mr. Adly Sham, Committee Member, REHDA Selangor Branch	
	Construction Industry Development Board	Sunway Construction	
	Human Resource Development Corporation	Sunway Construction	
Construction	National Institute of Occupational Safety and Health	Sunway Construction	
	Master Builders Association Malaysia (MBAM)	Mr. Richard Wong, Vice President, Chairman, MBAM International Affairs Committee Mr. Steven Shee, Deputy Chairman, MBAM Contract and Practices Committee	
	American Malaysian Chamber of Commerce	Sunway Medical Centre, Sunway Healthcare Group	
	Association of Private Hospitals, Malaysia	Sunway Medical Centre Sunway Medical Centre Velocity	
Healthcare	British Malaysian Chamber of Commerce	Sunway Medical Centre	
	Malaysia Healthcare Tourism Council	Sunway Medical Centre Velocity	
	Malaysian Society for Quality in Health	Sunway Medical Centre Velocity	
	Retail	Malaysia Shopping Malls Association	Mr. Chan Hoi Choy, Advisor Ms. Phang Sau Lian, Vice President 1 Mr. Michael Poh Oon Howe, Committee Member (Social) Member: Mr. Allan Tay Tiong Kiat, Sunway Big Box Retail Mr. Albert Cheok Kok Wei, Sunway Giza Mall Mr. Chai Wen Yew, Sunway Carnival Mall Mr. Danny Lee Yan Leng, Sunway Putra Mall Mr. Stewart Lee Siew Kit, Sunway Pyramid Mall

MEMBERSHIP IN ASSOCIATIONS

	Name of Organisation	Sunway's Representation
Hospitality	Association of Hotel Employers	Sunway Putra Hotel, Nurul Ain Mohamed Tahir, EXCO 2022-2023 (Committee Member) Sunway Resort Hotel, Ms. Eugenia Tan, EXCO 2023-2024 (Committee Member)
	British Malaysian Chamber of Commerce	Sunway Resort Hotel, Member
	Ipoh Wine and Food Society	Registered under The Banjaran Hotsprings Retreat & Sunway Resort Hotel
	Malaysian Association of Hotels	Member: Sunway Resort Hotel Sunway Putra Hotel Sunway Velocity Hotel The Banjaran Hotsprings Retreat Sunway Hotel Big Box Sunway Hotel Georgetown Sunway Hotel Seberang Jaya
	Malaysia Association of Hotels (Security KL Chapter)	Mr. Muhammad Azim bin Abd Jabar
	Malaysian Employers Federation	Sunway Resort Hotel, Member
	Pacific Asia Travel Association Malaysia	Sunway Hotel Georgetown & Sunway Hotel Seberang Jaya
	Board of Engineer, Malaysia	Mr. Michael Kwan Ching Dao, Member
	Board of Quantity Surveyor	Mr. Miracle Liam Wee Lit, Professional Quantity Surveyor
	Board of Valuers, Appraisers, Estate Agents and Property Managers (BOVEAP)	Ms. Ana Nofita, Member
Office	Registered Property Manager	Mr. Chan Ngai Toh, James, Member Mr. Goh Hai Thun, Member Mr. Goh Leng Seng, Member Mr. Goo Chee Kang, Member Mr. Lee Chin Hon, Member Mr. Ng Wee Chiang, Member Mr. Vasantakumar A/I Machap, Member
	Institute of Workplace and Facilities Management	Mr. Zamzul Khairi Bin Zulkifli, Certified Grade
	Institution of Mechanical Engineers, United Kingdom	Mr. Michael Kwan Ching Dao, Fellow
	Malaysia Association of Energy Service Companies	Mr. Zamzul Khairi Bin Zulkifli, Energy Measurement & Verification Professional
	Malaysia Association of Facility Management	Mr. Vasantakumar A/I Machap, Member
	Malaysia Board of Technologists	Mr. Zamzul Khairi Bin Zulkifli, Professional Technologist
	Malaysian Institute of Property & Facility Managers	Mr. Vasantakumar A/I Machap, Member Mr. Goh Leng Seng, Member Mr. Ng Wee Chiang, Member

	Name of Organisation	Sunway's Representation
Office (continued)	Royal Institute of Surveyors Malaysia	Mr. Miracle Liam Wee Lit, Member
	Suruhanjaya Tenaga Malaysia	Mr. Sathish Kumar A/L Ramaiah, Registered Electrical Energy Manager
	The Institute of Engineers Malaysia	Mr. Shaun Yap Jian Aun, Graduate Engineer Mr. Michael Kwan Ching Dao, Member
Leisure	International Association of Amusement Parks and Attractions	Mr. Calvin Ho, Member
	La Confrérie de la Chaîne des Rôtisseurs (International Association of Gastronomy)	Mr. Calvin Ho, Member
	Malaysian Association of Theme Parks & Family Attractions	Mr. Magendaran Marimuthu, Vice President
		Mr. Calvin Ho, Member
		Sunway Lagoon Theme Park, Corporate Member
Malaysian Association of Zoological Parks and Aquaria	Dr. Pakeeyaraj Nagalingam, Corporate Member and Internal Auditor Mr. Nurul Nuzairi, Member	
Themed Entertainment Association	Sunway Lagoon Theme Park, Corporate Member	
Trading and Manufacturing	Malaysia Automobile Association	Dongfeng Commercial Vehicle (M) Sdn Bhd
	Material Resources and Exhibition Committee of MBAM	Mr. Tony Foo Yoon Seong, Committee Member
Quarry	Chartered Institute of Management Accountants	Mr. Lee Chuan Seng, CIMA member
	Malaysian Institute of Accountants	Mr. Lee Chuan Seng, Chartered Accountant
	Malaysia Quarries Association	Mr. Lee Chuan Seng, Deputy President
		Mr. Lee Chuan Seng, Vice Chairman (Kuala Lumpur Branch)
		Mr. Teoh Peng Seah, Ordinary Member (Kuala Lumpur Branch) Mr. Dennis Lim Sing Chew, Ordinary Member (Melaka Branch)
Building Materials	American Concrete Institute Malaysia Chapter	Mr. Arreshvhina Narayanan, Associate Member
		Mr. Calvin Ooi Jieun Lin, Associate Member
	Federation of Malaysian Manufacturers	Sunway Spun Pile (M) Sdn Bhd, Ordinary Member
		Sunway VCP Sdn Bhd, Ordinary Member
	International Road Federation	Sunway Paving Solutions Sdn Bhd, Member
Malaysian Society for Occupational Safety and Health	Mr. Harcharan Singh, Member	
Road Engineering Association of Malaysia	Sunway Paving Solutions Sdn Bhd, Institutional Member	

GRI CONTENT INDEX

Statement of use	Sunway Berhad has reported in accordance with the GRI Standards for the period of 1 January 2023 to 31 December 2023.
GRI 1 used	GRI 1 : Foundation 2021
Applicable GRI Sector Standard(s)	Not applicable

ESG Pillar	GRI Standard	Disclosure Number	Disclosure Title	Bursa Malaysia	F4GBM ESG Themes	SASB	UN SDG	UNGC	Page reference and reasons for omissions, if applicable
General Disclosures									
GRI 2: General Disclosures 2021	The organization and its reporting practices								
	2-1	Organizational details							2 - 3
	2-2	Entities included in the organization's sustainability reporting							3
	2-3	Reporting period, frequency and contact point	-	-	-	-	-		1
	2-4	Restatements of information							137, 162
	2-5	External assurance							1, 174 - 175
	Activities and workers								
	2-6	Activities, value chain and other business relationships	Labour Practices & Standards	Labour Standards	-	5, 8	Principle 6		2 - 3, 79
	2-7	Employees							93 - 109, 151 - 160
	2-8	Workers who are not employees							102 - 109, 159
	Governance								
	2-9	Governance structure and composition							19
	2-10	Nomination and selection of the highest governance body							Please refer to Sunway Berhad's IAR2023
	2-11	Chair of the highest governance body							Please refer to Sunway Berhad's IAR2023
	2-12	Role of the highest governance body in overseeing the management of impacts							19
	2-13	Delegation of responsibility for managing impacts							19
	2-14	Role of the highest governance body in sustainability reporting							19
	2-15	Conflicts of interest	-	Corporate Governance	-	5, 16	-		Please refer to Sunway Berhad's IAR2023
	2-16	Communication of critical concerns							79, 93
	2-17	Collective knowledge of the highest governance body							19
	2-18	Evaluation of the performance of the highest governance body							19
2-19	Remuneration policies							129	
2-20	Process to determine remuneration							Please refer to Sunway Berhad's IAR2023	
2-21	Annual total compensation ratio							99	

ESG Pillar	GRI Standard	Disclosure Number	Disclosure Title	Bursa Malaysia	F4GBM ESG Themes	SASB	UN SDG	UNGC	Page reference and reasons for omissions, if applicable	
	Strategy, policies and practices									
		2-22	Statement on sustainable development strategy	Anti-Corruption	Anti-Corruption Human Rights & Community Risk Management	-	16	Principle 1, 2, 10	4 - 17, 20 - 21, 35 - 39	
		2-23	Policy commitments						129	
		2-24	Embedding policy commitments						128 - 129	
		2-25	Processes to remediate negative impacts						93	
		2-26	Mechanisms for seeking advice and raising concerns						93	
		2-27	Compliance with laws and regulations						128 - 129	
		2-28	Membership associations						163 - 165	
	Stakeholder engagement									
		2-29	Approach to stakeholder engagement	Labour Practices & Standards	Labour Standards	-	16	Principle 3	25 - 34	
		2-30	Collective bargaining agreements			-	8		94	
	Material Topics									
		GRI 3: Material Topics 2021	3-1	Process to determine material topics	-	-	-	-	-	22 - 24
			3-2	List of material topics						22 - 24
ECONOMIC	Company's economic performance									
		GRI 3: Material Topics 2021	3-3	Management of material topics	-	-	-	-	-	125
		GRI 201: Economic Performance 2016	201-1	Direct economic value generated and distributed	-	-	-	1, 3, 5, 8, 9, 10, 17	-	125
			201-2	Financial implications and other risks and opportunities due						43 - 46
			201-3	Defined benefit plan obligations and other retirement plans						Not applicable
			201-4	Financial assistance received from government						Not applicable
	Macroeconomic issues									
		GRI 3: Material Topics 2021	3-3	Management of material topics	-	-	-	-	-	125
		GRI 202: Market Presence 2016	202-1	Ratios of standard entry level wage by gender compared to local minimum wage	-	-	-	1, 3, 5, 8, 9, 10, 17	-	Not disclosed due to confidentiality constraints
			202-2	Proportion of senior management hired from the local community						99
		GRI 203: Indirect Economic Impacts 2016	203-1	Infrastructure investments and services supported	-	-	-	1, 3, 5, 8, 9, 10, 17	-	2, 52 - 53, 56 - 59, 111 - 123, 125
			203-2	Significant indirect economic impacts						52 - 53, 56 - 59, 111 - 123, 125



GRI CONTENT INDEX

ESG Pillar	GRI Standard	Disclosure Number	Disclosure Title	Bursa Malaysia	F4GBM ESG Themes	SASB	UN SDG	UNGC	Page reference and reasons for omissions, if applicable
ECONOMIC	Responsible and sustainable financing								
	GRI 3: Material Topics 2021	3-3	Management of material topics	-	-	-	-	-	126 - 127
	Capital allocation strategy								
	GRI 3: Material Topics 2021	3-3	Management of material topics	-	-	-	-	-	28
	Brand and reputation								
GRI 3: Material Topics 2021	3-3	Management of material topics	-	-	-	-	-	28	
ENVIRONMENTAL	Climate action								
	GRI 3: Material Topics 2021	3-3	Management of material topics	-	-	-	-	-	41, 56, 61
	GRI 302: Energy 2016	302-1	Energy consumption within the organization	Energy Management	Climate Change	IF-RE-130a.1 IF-RE-130a.2 IF-RE-130a.3 IF-RE-130a.4 IF-RE-130a.5	7, 12, 13	Principle 7, 8, 9	61 - 63, 140 - 143
		302-2	Energy consumption outside of the organization						61 - 63, 140 - 143
		302-3	Energy intensity						50, 63
		302-4	Reduction of energy consumption						61 - 63
		302-5	Reductions in energy requirements of products and services						61 - 63
	GRI 305: Emissions 2016	305-1	Direct (Scope 1) GHG emissions	Emissions Management	Climate Change	IF-RE-450a.1 IF-RE-450a.2	3, 12, 13, 14	Principle 7, 8, 9	48 - 51, 137 - 139
		305-2	Energy indirect (Scope 2) GHG emissions						48 - 51, 137 - 139
		305-3	Other indirect (Scope 3) GHG emissions						48 - 51, 137 - 139
		305-4	GHG emissions intensity	Emissions - Air Quality/Pollution	Pollution & Resources				48 - 51, 137 - 139
		305-5	Reduction of GHG emission						48 - 51, 137 - 139
		305-6	Emissions of ozone-depleting substances (ODS)						137 - 139
305-7		Nitrogen oxides (NO _x), sulfur oxides (SO _x), and other significant air emissions	148 - 149						





ESG Pillar	GRI Standard	Disclosure Number	Disclosure Title	Bursa Malaysia	F4GBM ESG Themes	SASB	UN SDG	UNGC	Page reference and reasons for omissions, if applicable
ENVIRONMENTAL	Protection of biodiversity and ecology								
	GRI 3: Material Topics 2021	3-3	Management of material topics	-	-	-	-	-	56
	GRI 304: Biodiversity 2016	304-1	Operational sites owned, leased, managed in, or adjacent to protected areas and areas of high biodiversity value outside	-	Biodiversity	-	13, 14, 15	Principle 7, 8, 9	52 - 59
		304-2	Significant impacts of activities, products, and services						52 - 59
		304-3	Habitats protected or restored						52 - 55
		304-4	IUCN Red List species and national conservation list species with habitats in areas affected by operations						Not applicable
	Pollution management								
	GRI 3: Material Topics 2021	3-3	Management of material topics	-	-	-	-	-	70
	GRI 303: Water and Effluents 2018	303-1	Interactions with water as a shared resource	Water	Pollution & Resources	IF-RE-140a.1 IF-RE-140a.2 IF-RE-140a.3 IF-RE-140a.4	6, 12	Principle 7, 8, 9	64 - 69
		303-2	Management of water discharge-related impacts						65, 77, 148
		303-3	Water withdrawal						64 - 69
		303-4	Water discharge						65, 77, 148
		303-5	Water consumption						64 - 69
	GRI 306: Waste 2020	306-1	Waste generation and significant waste-related impacts	Waste Management	Water Security	-	-	-	70 - 76
		306-2	Management of significant waste-related impacts	Effluents					70 - 76
		306-3	Waste generated						70 - 76, 145 - 147
		306-4	Waste diverted from disposal						70 - 76, 145 - 147
306-5		Waste diverted to disposal	70 - 76, 145 - 147						



GRI CONTENT INDEX

ESG Pillar	GRI Standard	Disclosure Number	Disclosure Title	Bursa Malaysia	F4GBM ESG Themes	SASB	UN SDG	UNGC	Page reference and reasons for omissions, if applicable
SOCIAL	Employee well-being								
	GRI 3: Material Topics 2021	3-3	Management of material topics	-	-	-	-	-	93, 102
	GRI 403: Occupational Health and Safety 2018	403-1	Occupational health and safety management system	Health & Safety	Health & Safety	-	3, 8	-	102
		403-2	Hazard identification, risk assessment, and incident investigation						106 - 107
		403-3	Occupational health services						107
		403-4	Worker participation, consultation, and communication on occupational health and safety						103 - 104
		403-5	Worker training on occupational health and safety						104
		403-6	Promotion of worker health						106 - 108
		403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships						106 - 108
		403-8	Workers covered by an occupational health and safety management system						105
		403-9	Work-related injuries						108, 159
		403-10	Work-related ill health						108, 159
	GRI 404: Training and Education 2016	404-1	Average hours of training per year per employee	Labour Practices & Standards	Labour Standards	-	4, 5, 8	-	98, 157 - 158
		404-2	Programs for upgrading employee skills and transition assistance programs						97 - 98
		404-3	Percentage of employees receiving regular performance and career development reviews						98, 158
	Human rights								
	GRI 3: Material Topics 2021	3-3	Management of material topics	-	-	-	-	-	93
	GRI 401: Employment 2016	401-1	New employee hires and employee turnover	Labour Practices & Standards	Labour Standards	-	5, 8	-	99, 153 - 156
		401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employee						94 - 95
401-3		Parental leave	95, 158						
GRI 402: Labor/Management Relations 2016	402-1	Minimum notice periods regarding operational changes						94	



ESG Pillar	GRI Standard	Disclosure Number	Disclosure Title	Bursa Malaysia	F4GBM ESG Themes	SASB	UN SDG	UNGC	Page reference and reasons for omissions, if applicable	
SOCIAL	GRI 405: Diversity and Equal Opportunity 2016	405-1	Diversity of governance bodies and employees	Labour Practices & Standards	Labour Standards		5, 10		99, 151-156	
		405-2	Ratio of basic salary and remuneration of women to men						156	
	GRI 406: Non-discrimination 2016	406-1	Incidents of discrimination and corrective actions taken	Diversity	Corporate Governance				99, 128	
	GRI 407: Freedom of Association and Collective Bargaining 2016	407-1	Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk						93 - 94	
	GRI 408: Child Labour 2016	408-1	Operations and suppliers at significant risk for incidents of child labor						93	
	GRI 409: Forced or Compulsory Labour 2016	409-1	Operations and suppliers at significant risk for incidents of forced or compulsory labor	Community / Society	Human Rights & Community	-	10	Principle 1, 2, 3, 4, 5, 6	93	
	GRI 410: Security Practices 2016	410-1	Security personnel trained in human rights policies or procedures						93	
	GRI 411: Rights of indigenous people 2016	411-1	Incidents of violations involving rights of indigenous peoples						93	
	GRI 416: Customer Health and Safety 2016	416-1	Assessment of the health and safety impacts of product and service categories	Health & Safety	Health & Safety	-	3, 8	-		88
		416-2	Incidents of non-compliance concerning the health and safety impacts of products and services						88	
	Community investment									
	GRI 3: Material Topics 2021	3-3	Management of material topics	-	-	-	-	-	-	111
GRI 413: Local Communities 2016	413-1	Operations with local community engagement, impact assessments, and development programs	Community / Society	Human Rights & Community	-	11	-		111 - 123	
	413-2	Operations with significant actual and potential negative impacts on local communities						111 - 123		



GRI CONTENT INDEX

ESG Pillar	GRI Standard	Disclosure Number	Disclosure Title	Bursa Malaysia	F4GBM ESG Themes	SASB	UN SDG	UNGC	Page reference and reasons for omissions, if applicable
SOCIAL	Value chain improvement								
	GRI 3: Material Topics 2021	3-3	Management of material topics	-	-	IF-RE-410a.1 IF-RE-410a.2 IF-RE-410a.3	-	-	79, 88
	GRI 204: Procurement Practices 2016	204-1	Proportion of spending on local suppliers	Supply Chain Management					79, 136, 150
	GRI 301: Materials 2016	301-1	Materials used by weight or volume	Materials	Supply Chain (Environmental)				83, 150
			Recycled input materials used			-	8, 11, 12, 16	Principle 7, 8, 9	82
			Reclaimed products and their packaging materials	Supply Chain (Environmental) / Supplier Environmental Assessment	Supply Chain (Social)				82
	GRI 308: Supplier Environmental Assessment 2016	308-1	New suppliers that were screened using environmental criteria						79, 136, 150
			308-2	Negative environmental impacts in the supply chain and actions taken					79, 136, 150
	GRI 414: Supplier Social Assessment 2016	414-1	New suppliers that were screened using social criteria						79, 136, 150
			414-2	Negative social impacts in the supply chain and actions taken	Supply Chain Management	Supply Chain (Social)		8, 11, 12, 16	Principle 7, 8, 9
GRI 417: Marketing and Labeling 2016	417-1	Requirements for product and service information and labeling	Supply Chain (Social) / Supplier Social Assessment						88
		417-2	Incidents of non-compliance concerning product and service information and labeling		Risk Management	-	12, 16	-	88
		417-3	Incidents of non-compliance concerning marketing communications	Data privacy and security					
GRI 418: Customer Privacy 2016	418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data					16	-	129



ESG Pillar	GRI Standard	Disclosure Number	Disclosure Title	Bursa Malaysia	F4GBM ESG Themes	SASB	UN SDG	UNGC	Page reference and reasons for omissions, if applicable
Group standards and operating procedures									
GOVERNANCE	GRI 3: Material Topics 2021	3-3	Management of material topics	-	-	-	-	-	128
	GRI 205: Anti-Corruption 2016	205-1	Operations assessed for risks related to corruption	Anti-Corruption	Anti-Corruption	-	16	Principle 10	128 - 129
		205-2	Communication and training about anti-corruption policies and procedures						128 - 129
		205-3	Confirmed incidents of corruption and actions taken						128 - 129
	GRI 206: Anti-Competitive Behavior 2016	206-1	Legal actions for anti-competitive behavior, anti-trust, and monopoly practices (Business code of conduct)						128 - 129
	GRI 419: Socioeconomic Compliance 2016	419-1	Non-compliance with laws and regulations in the social and economic area						105
Innovation and technology									
	GRI 3: Material Topics 2021	3-3	Management of material topics	-	-	-	-	-	129



ASSURANCE STATEMENTS

GRI 2-5

INDEPENDENT ASSURANCE STATEMENT



SIRIM QAS INTERNATIONAL SDN BHD INDEPENDENT ASSURANCE STATEMENT

To Board of Directors, Stakeholders, and Interested Parties,

SIRIM QAS International Sdn. Bhd. was engaged by Sunway Berhad to perform an independent verification and provide assurance of the Sunway Berhad Sustainability Report 2023. The main objective of the verification process is to provide assurance to Sunway Berhad and its stakeholders on the accuracy and reliability of the information as presented in this statement. The verification by SIRIM QAS International applied to sustainable performance information (subject matter) within the assurance scope which is included in Sunway Berhad Sustainability Report 2023.

The management of Sunway Berhad was responsible for the preparation of the Sustainability Report. The objective and impartiality of this statement is assured as no member of the verification team and no other employee of SIRIM QAS International was involved in the preparation of any part of Sunway Berhad's Sustainability Report and Integrated Annual Report 2023.

The assurance engagement was designed to provide limited assurance in accordance with the International Standard on Assurance Engagements (ISAE) 3000, Assurance Engagements other than Audits or Reviews of Historical Financial Information, and BURSA Sustainability Reporting Guide, irrespective of the organization's ability to achieve its objectives, targets or expectations on their subject matter and sustainability-related issues. The assurance activity evaluates the adequacy of Sunway Berhad Sustainability Report and its overall presentation against respective frameworks such as UN-SDGs, GRI Standards requirement, TCFD, CDP and other relevant frameworks. The assurance process involves verification of applicable subject matter as presented in the report through these goals i.e., Transforming Our Portfolios to Low-Carbon Sustainable Cities, Advocating a Responsible Value Chain, Developing a Safe, Equal and Dignified Workforce, Investing in Community Inclusivity, and Upholding Transparency and Delivering Excellence. Details are provided in Appendix 1.

The verification was carried out by SIRIM QAS International in March 2024, with the following methodologies:

- Reviewing and verifying the traceability, consistency and accuracy of information collected from various sources; internal and external documentation which are made available during the conduct of assessment.
- Verification of data presented in the Sustainability Report includes a detailed review of the sampled data.
- Interviewing key personnel responsible for collating information and writing various parts of the report to substantiate the veracity of the claims.

Enhancements in 2023

In 2023, Sunway Berhad was designated an early adopter for the Taskforce on Nature-related Financial Disclosures (TNFD). In an effort to promote enhanced ESG practices among their small and medium-sized enterprise partners, Sunway Berhad incorporated the Simplified ESG Disclosure Guide (SEDG), developed by Capital Markets Malaysia, into their Supplier Risk Assessment. Additionally, Sunway Berhad strengthened its internal sustainable practices by enhancing the prevailing internal carbon pricing framework with targeted incentives for renewable energy and waste diversion and collaborating with a local company to establish a composting site, effectively diverting food waste from landfills. Last but not least, Sunway Berhad meticulously charted an embodied carbon emissions roadmap specifically for its Building Materials and Quarry operations to manage their products environmental impacts.

The verification process was subjected to the following limitations:

- The scope of work did not involve verification of other information reported in Sunway Berhad Integrated Annual Report 2023.
- The corporate office of Sunway Berhad Group Sustainability Department, at Menara Sunway, Sunway City KL was visited as part of this assurance engagement. The verification process did not include physical inspections of any of Sunway Berhad's buildings, managed leased and leased assets. And,
- The verification team did not verify any contractor or third-party data.

Conclusion

SIRIM QAS International, a Conformity Assessment Body in Malaysia, is accredited to both ISO/IEC 17021-1:2015 and ISO/IEC 17065:2012 covering all our operational activities. The appointed assessors performing the assurance engagement were selected appropriately based on our internal qualifications, training and experience. The verification process is reviewed by management to ensure that the approach and assurance are strictly followed and operated transparently. During the verification process, issues were raised, and clarifications were sought from the management of Sunway Berhad relating to the accuracy of some of the information contained in the report. In response to the raised findings, the Sustainability Report was subsequently reviewed and revised by Sunway Berhad. It is confirmed that changes that have been incorporated into the final version of the report have satisfactorily addressed all issues. Based on the scope of the assessment process and evidence obtained, nothing has come to our attention that causes us to believe that Sunway Berhad has not complied, in all material respects, with the referred assurance standard and guide. The following represents SIRIM QAS International's opinion:

- The level of data accuracy included in Sunway Berhad Sustainability Report 2023 is fairly stated;
- The level of disclosure of the specific sustainability performance information presented in the report was found to be properly prepared;
- The personnel responsible were able to demonstrate the origin(s) and interpretation of data contained in the report;
- The sustainability report provides a reasonable and balanced presentation of Sunway Berhad's sustainability performance.

ASSURANCE STATEMENT BY INTERNAL AUDIT DEPARTMENT**Assurance undertaken**

In strengthening the credibility of the Sunway Berhad Sustainability Report 2023, selected indicators of this Report has been subjected to an internal review by the company's internal auditors and has been approved by the company's Audit Committee.

Subject matter

All Common Sustainability Matters and accompanying Indicators identified by Bursa for FY2023.

Scope

The boundary of the internal review includes all Sunway Berhad's operations in Malaysia.

List of Assessors.

- | | | | |
|----|----------------------------|---|-------------|
| 1) | Ms. Aernida Abdul Kadir | : | Team Leader |
| 2) | Ms. Kamini Sooriamoorthy | : | Team Member |
| 3) | Ms. Suzalina Kamaralarifin | : | Team Member |
| 4) | Ms. Farhanah Ahmad Shah | : | Team Member |

Statement Prepared by:


AERNIDA BINTI ABDUL KADIR

Team Leader

Management System Certification Department
SIRIM QAS International Sdn. Bhd.

Date: 27 March 2024

Statement Approved by:


Ts. MD ADHA BIN RAHMAT

Senior General Manager

Management System Certification Department
SIRIM QAS International Sdn. Bhd

Date: 1 April 2024

ABBREVIATIONS

ABC	Anti-Bribery and Corruption	CSR	Corporate Social Responsibility	IAQ	Indoor Air Quality
ACC	Autodesk Construction Cloud	CVA	Completion and Verification Assessment	ICT	Information and Communications Technology
ACHS	Australian Council on Healthcare Standards	DBKL	Dewan Bandaraya Kuala Lumpur	ID	Identification
AHU	Air Handling Unit	DEFRA	Department for Environment, Food and Rural Affairs	IIRC	International Integrated Reporting Council
AI	Artificial Intelligence	DOE	Department of Environment	ILO	International Labour Organization
AP	Accounts Payable	DOSH	Department of Occupational Safety and Health	IMELC	Iskandar Malaysia EcoLife Challenge
ARA	Australasian Reporting Awards	EAP	Employee Assistance Programme	IoT	Internet of Things
ARC	Annual Report Competition	eHDA	eHousing Development Account	IPCC	Intergovernmental Panel on Climate Change
BCA	Singapore's Building and Construction Authority	EPD	Environmental Product Declaration	ISMS	Information Security Management System
BEI	Building Energy Intensity	EQA	Environmental Quality Act	ISO	International Organisation for Standardization
BEMS	Building Energy Management System	ERM	Enterprise Risk Management	ISSB	International Sustainability Standards Board
BOD	Biochemical Oxygen Demand	ERP	Enterprise Resource Planning	IT	Information Technology
BOVEAP	Board of Valuers, Appraisers, Estate Agents and Property Managers	ESG	Environmental, Social and Governance	JKNS	Jabatan Kesihatan Negara Selangor
BRT	Bus Rapid Transit	EU	European Union	JSC	The Jeffrey Sachs Center on Sustainable Development
BSC	Board Sustainability Committee	EUI	Energy Use Intensity	JKNS	Jabatan Kesihatan Negara Selangor
BSF	Black Soldier Fly	EV	Electric Vehicle	JSC	The Jeffrey Sachs Center On Sustainable Development
CAPA	Corrective and Preventive Action	F&B	Food and Beverage	KPI	Key Performance Indicator
CBAM	Carbon Border Adjustment Mechanism	FIABCI	The International Real Estate Federation	KSS	Kelab Sosial Sunway
CCBE	Code of Conduct and Business and Ethics	FMA	Factories and Machineries Act	L&D	Learning and Development
CCUS	Carbon Capture, Utilisation and Storage Technology	FSC	Forest Stewardship Council	LED	Light-Emitting Diode
CDP	Carbon Disclosure Project	FTSE	Financial Times Stock Exchange	LEED	Leadership in Energy and Environmental Design
CEMPIA	Customers Experience Management Platforms for Insights and Actions	GAIA	Green Accord Initiative Award	LFO	Light Fuel Oil
CH ₄	Methane	GBI	Green Building Index	LPG	Liquefied Petroleum Gas
CIDB	Construction Industry Development Board	GDV	Gross Development Value	LPR	License Plate Recognition
CIO	Chief Information Officer	GFA	Gross Floor Area	LRT	Light Rail Transit
CIS	Construction Industry Standard	GHG	Greenhouse Gas	LTI	Lost Time Injury
CISO	Chief Information Security Officer	GHR	Group Human Resources	LTIR	Lost Time Incident Rate
CO	Carbon Monoxide	GIAD	Group Internal Audit	M&E	Mechanical and Electrical
CMM	Capital Markets Malaysia	GRI	Global Reporting Initiative	MAF	Malaysian AIDS Foundation
CO ₂	Carbon Dioxide	GS	Group Sustainability Department	MOH	Ministry of Health
CO ₂ e	Carbon Dioxide Equivalent	HCWRI	High-consequence Work-related Injuries	MARC	Malaysian Ratings Corporation
COD	Chemical Oxygen Demand	HIRADC	Hazard Identification, Risk Assessment and Determining Control	MBAM	Master Builders Association Malaysia
CPI	Corruption Perceptions Index	HIRARC	Hazard Identification, Risk Assessment and Risk Control	MBSA	Majlis Bandaraya Shah Alam
CPTED	Crime Prevention through Environmental Design	HOPE	Health Outreach Programme for Everyone	MBSJ	Majlis Bandaraya Subang Jaya
CRM	Customer Relationship Management	HTAR	Hospital Tengku Ampuan Rahimah	MCCG	Malaysian Code on Corporate Governance

MGBC	Malaysia Green Building Council	PPR	People Housing Program	SOPs	Standard Operating Procedures
MGTC	Malaysian Green Technology and Climate Change Centre	PR	Purchase Requisition	SO _x	Sulfur Oxide
MIT	Massachusetts Institute of Technology	PRKPP	Pertubuhan Rakan Komuniti Pendidikan Perak	SPT	Sustainability Performance Targets
MMLR	Main Market Listing Requirements	PV	Photovoltaic	SPV2030	Shared Prosperity Vision 2030
MOH	Ministry of Health	QA/QC	Quality Assurance and Quality Control	SQMS	Sunway Quality Merit System
MRA	Malaysia Retailers Association	QLASSIC	Quality Assessment System in Construction	SRA	Supplier Risk Assessment
MRCA	Malaysia Retail Chain Association	R&D	Research and Development	SRI	Sustainable and Responsible Investment
MRT	Mass Rapid Transit	RACAPU	Rotaract Club of Asia Pacific University	SSP	Shared Socio-economic Pathway
MSC	Management Sustainability Committee	RCP	Representative Concentration Pathway	STEM	Science, Technology, Engineering and Mathematics
MSCA	Malaysian Smart Cities Alliance	READ	Reading Enhances Aspiration and Drive	TCFD	Task Force on Climate-related Financial Disclosures
MSOSH	Malaysian Society for Occupational Safety and Health	REHDA	Real Estate and Housing Developers' Association	TNB	Tenaga Nasional Berhad
MSQH	Malaysian Society for Quality in Health	REIT	Real Estate Investment Trust	TNFD	Taskforce on Nature-related Financial Disclosures
N ₂ O	Nitrous Oxide	ReX	Retail Extended Learning	TSA	The Salvation Army
NACRA	National Annual Corporate Report Awards	ROV	Return on Value	TSS	Total Suspended Solid
NASOM	National Autism Society of Malaysia	RSI	Red Shield Industries	UCO	Used Cooking Oil
NCOSH	National Council for Occupational Safety and Health	SAMH	Selangor & Federal Territory Association for the Mentally Handicapped	UCSI	University College Sedaya International
NG	Natural Gas	SASB	Sustainability Accounting Standards Board	UI	User interface
NGO	Non-Governmental Organisation	SBTi	Science-Based Targets initiative	UN	United Nations
NOSH	National Occupational Safety and Health	SC	Securities Commission	UNGC	UN Global Compact
NO _x	Nitrogen Oxide	SCAN	Sustainability Collaboration Alliance Network	UN-SDGs	UN Sustainable Development Goals
O ₃	Ozone	SCAPA	Smart City Asia Pacific Awards	UOB	United Overseas Bank
OHSE	Occupational Health, Safety and Environment	SCKL	Sunway City Kuala Lumpur	VaR	Value at Risk
OHSEMS	Occupational Health, Safety and Environment Management System	SDGs	Sustainable Development Goals	VCP	Vitrified Clay Pipe
OHSMP25	Occupational Safety and Health Masterplan 2021 - 2025	SDSN	Sustainable Development Solutions Network	VOC	Volatile Organic Compound
OR	Official Receipt	SEDG	Simplified ESG Disclosure Guide	VUCA	Volatility, Uncertainty, Complexity and Ambiguity
PAWE	Pusat Aktiviti Warga Emas	SILK	Seeding Inspiration via Leadership and Knowledge	WEF-IBC	World Economic Forum International Business Council
PCF	Product Carbon Footprint	SJK (T)	Sekolah Jenis Kebangsaan Tamil	WWF	World Wildlife Fund
PDCA	Plan-Do-Check-Act	SK	Sekolah Kebangsaan		
PDRM	Polis Diraja Malaysia	SLL	Sustainability-Linked Loan		
PIKOM	The National Tech Association of Malaysia	SMC	Sunway Medical Centre		
PLC	Public Listed Companies	SMCV	Sunway Medical Centre Velocity		
PLHIV	People Living with HIV	SMEs	Small-to-Medium Enterprises		
PO	Purchase Order	SMK	Sekolah Menengah Kebangsaan		
PPE	Personal Protective Equipment	SO ₂	Sulfur Dioxide		



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