## Board Statement 2-14 2-22

#### Dear Stakeholders.

As a real estate entity, our operations have environmental and social impact on the communities in which our properties are located. Energy use in the built environment contributes significantly to global emissions. Also, the strategic location, management and enhancement of our properties are inextricably linked to urban planning, accessibility and community development. Recognising this impact underscores MIT's responsibility to not only pursue environmental, social and governance ("ESG") excellence but also align its practices with international and local sustainable development goals.

Transparency and Trust are key to our corporate culture. This ethos has served us well in building strong long-term relationships with our stakeholders. These include our investors, employees and business partners. This report outlines our challenges, strategy and progress towards a more sustainable business.

The Board holds the ultimate responsibility for the management of sustainabilityrelated risks and opportunities and considers them as part of our strategic formulation. ESG matters are monitored and discussed on an ongoing basis. In Financial Year 2023/2024 ("FY23/24"), we reviewed the material matters of the prior assessment and considered all of them relevant throughout the reporting period. These matters guided us in our sustainability strategy and target setting across different time horizons. We have aligned our sustainability strategies and practices with those of our Sponsor, Mapletree Investments Pte Ltd (the "Mapletree Group").

To effectively manage the myriad aspects of sustainability, we have enhanced our governance structure with different committees to execute our sustainability strategies across different geographies, functions and departments. More details about our governance structure can be found in the 'Sustainability Approach' section.

#### Investment in Sustainable Buildings

FY23/24 marked a new milestone in our renewable energy journey with the initiation of Phase 31 in our solar panel installation project. We expanded our solar infrastructure to include 14 properties across 10 property clusters, enhancing our generating capacity with an additional 3,492 kilowatt peak

During the financial year, we progressively carried out various energy enhancement initiatives across our properties in the Singapore Portfolio, including the installation of motion sensors and energy-efficient lighting. These initiatives are estimated to yield total energy savings of 1.8 million kilowatt hours ("kWh") annually, sufficient to power the common areas of more than eight of our Flatted Factory Clusters.

In addition, we obtained the recertifications of BCA Green Mark Gold Awards for The Signature, K&S Corporate Headquarters, 18 Tai Seng and 978 & 988 Toa Payoh North. We have also set FY24/25 targets to achieve ISO 14001:2015 certification for our Environmental Management System ("EMS") and to obtain sustainable building certifications for two data centres in North America.

In FY23/24, we made our first foray into the Japanese market by acquiring a newly built data centre in Osaka. This acquisition offers a strategic opportunity for us to diversify our presence into one of the most developed data centre markets in Asia Pacific. The newly acquired data centre was built in accordance with industry-leading energy efficiency specifications thus aligned with our long-term strategy to invest in operationally sustainable buildings.

#### Climate-related Disclosures

In FY21/22, the Mapletree Group announced its goal to achieve Net Zero by 2050 and published a roadmap to guide all business units to meet this target. An environmental data management system will be rolled out in the upcoming financial year to facilitate more comprehensive and precise reporting of our environmental performance, providing an accurate baseline for future target setting exercises.

### Tenant and Employee Engagement

Tenant engagement is important in advancing our sustainability ambitions. We held educational seminars and events for tenants on the importance of managing their environmental impact. We also demonstrated how they could leverage on technologies provided by MIT in selected properties through these seminars and events. During the reporting year, we engaged 24% of tenants (by Overall Portfolio's net lettable area ("NLA")) on ESG matters (including data sharing).

Our employees are crucial to the success of our business. The skills, capabilities and continued efforts of our workforce have enabled MIT to maintain its resilient financial performance. MIT carried out a group-wide Employee Engagement Survey in FY23/24. This survey included new components to assess employee satisfaction in areas like MIT's leadership and sustainability performance. The findings from the survey will be crucial in enabling us to execute our long-term sustainability plans.

#### Sustainable Commitment

We will continue to actively engage our stakeholders through regular and transparent communication on our challenges, targets, and initiatives as we progress on our sustainability journey. We remain committed to adopting meaningful ESG practices, and we thank you for your continued support of MIT's efforts towards achieving sustainable value creation.

## Board of Mapletree Industrial Trust Management Ltd.

## **About the Report**

### Reporting scope 2-2 2-3

Economic

Unless otherwise stated, this report covers the sustainability performance of MIT and 762 properties in Singapore and five properties in North America, which Mapletree Industrial Trust Management Ltd. (the "Manager") has operational control for FY23/24 from 1 April 2023 to 31 March 2024. This report includes data from prior financial

years for comparison, where available.

The performance data of employment and health and safety-related material matters pertained to employees of the Manager and employees of Mapletree Facilities Services Pte. Ltd., Mapletree US Management LLC and Mapletree Management Services Japan Kabushiki Kaisha, who are responsible for the management and operations of MIT's properties (collectively, the "Property Manager"). They are dedicated personnel responsible for the ongoing management and operations of MIT. The Sponsor continues to support the Manager in functions, such as Human Resource, Information Systems & Technology, Internal Audit, Legal and Risk Management and the provision of property management services for MIT's data centres in North America and Japan.

The Sustainability Report should be read in conjunction with the Annual Report 2023/2024 for a more comprehensive overview of MIT's business and performance.

## Reporting standards

This report has been prepared in accordance with the Global Reporting Initiative ("GRI") 2021 Standards, with additional guidance from the GRI-G4 Construction and Real Estate Sector Disclosures and GRI Reporting Principles for defining report content and quality. The GRI Standards is selected as it is the most widely adopted global reporting standard among businesses to disclose sustainability matters across comparable criteria. The GRI 2021 Standards disclosure references are indicated in the corresponding sections of the report. This report meets the requirements of the SGX-ST Listing Rules (711A and 711B), and the Sustainability Reporting Guide set out in Practice Note 7.6.

This report is also prepared in accordance with the Guidelines on Environmental Risk Management for Asset Managers issued by the Monetary Authority of Singapore ("MAS") and is guided by the recommendations of the Task Force on Climate-related Financial Disclosures ("TCFD"). More details can be found under the Environmental Pillar. The supplementary information on the methodology can be found on pages 35 to 36.

#### Feedback 2-3



The Manager welcomes feedback on MIT's Sustainability Report and performance. Please send your comments or questions to Ms Melissa Tan, Director, Investor Relations and Sustainability at ir\_industrial@mapletree.com.sg. This report was published on 18 June 2024.



- 1 Phase 1 and 2 of the solar panel installation were completed in 11 properties across seven clusters.
- <sup>2</sup> Includes the Tanglin Halt Cluster, which was divested on 27 March 2024.

Sustainability Report 2023/2024 | Delivering Sustainable Value

# FY23/24 Sustainability Highlights



## Safeguarding Against Impact of Climate Change

22.6% and 26.1% reduction in average building electricity intensity and Scope 2 🔇 greenhouse gases ("GHG") emissions intensity for Singapore properties from FY19/20



4 initiatives on water conservation

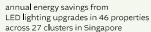
4 recertifications of BCA Green Mark Gold Awards





3,492 kWp total solar generating capacity installed across 10 property clusters

## 1.8 million kWh







## Enhancing Social Value in the Workplace and Community

Organised 7 tenant events



S\$12.535 raised from MIT CSR

Engagement Survey

initiative

Employee

with a response rate of



Average training hours per employee 50.8 hours



in 2024 by Equileap

**Top 10** 

98.3% employees received professional training relating to ESG topics



**Gender Equality** 





## **Upholding High Ethical Standards**

GRESB Public Disclosure Level 'A'



MSCI ESG Rating BBB (Upgraded from BB rating)

98%





Internal Review of sustainability

reporting process completed



Zero incidences of non-compliance with anti-corruption laws and regulations

Morningstar Sustainalytics ESG Risk Ratings

13.6 Low Risk



Zero material incidences of non-compliance with relevant laws and regulations



## Sustainability Approach

Strong governance sets the foundation of MIT's sustainability strategy. To effectively oversee MIT's sustainability progress and initiatives, the Board undergoes training and professional development programmes, including director sustainability training courses prescribed by the SGX-ST for listed entities.

Environmental

To assist the Board in overseeing its sustainability strategy, MIT's wider sustainability governance structure comprises several other committees and includes representatives from both the Manager and the Sponsor. The wide range of roles and functions incorporated into the Manager's sustainability governance structure ensures effective oversight of sustainability target setting and performance evaluation.

Sustainability governance 2-9 2-12 2-13 2-14 2-17









## Board of Directors of Mapletree Industrial Trust Management Ltd.

- Oversees sustainability strategy and sustainability reporting
- Approves and monitors progress of sustainability targets and performance
- Receives updates on critical ESG issues
- Determines risk strategy and governance, including those related to climate-related risks and opportunities

**CEO** of Mapletree Industrial Trust

## Mapletree Group's Sustainability Steering Committee ("SSC")

- Co-chaired by Deputy Group CEO and Group Chief Corporate Officer ("CCO") of Mapletree Group
- Spearheads the development of policies and initiatives that are aligned to Mapletree Group's sustainability strategy
- · Sets targets and drives sustainability initiatives
- Evaluates management approach to assess the effectiveness and relevance of existing policies and measures

## Mapletree Group's Sustainability Working Committee ("SWC")

- · Comprises representatives from various business units and corporate functions
- Implements, executes, and monitors sustainability plans, policies and practices

**Country ESG Committees** 

Champions and supports sustainability initiatives in each country where MIT operates

MIT's sustainability approach is closely aligned with that of the Sponsor's, and its performance is benchmarked against the Sponsor's and industry peers. The Manager is committed to broadening its business focus beyond financial returns to incorporate ESG considerations. It strives to build strong relationships with its stakeholders through the following key activities:

Mapletree ESG Framework 2-23 2-24



## **Building a Resilient Business**

## Creating Value and Delivering Sustainable Returns to Stakeholders while Contributing to Sustainable Development

#### Safeguarding against impact of climate change

By supporting the transition to a low carbon economy through sustainable investment, development, and operations

#### Enhancing social value in the workplace and community

By ensuring the health and safety of employees and stakeholders, focusing on diversity and inclusion of its workforce and supporting the communities in which it operates

Upholding high ethical standards

By conducting its business in an ethical manner and in compliance with all applicable laws and regulations

As part of the continuous improvement of its sustainability strategy, MIT applies the precautionary principle3 to identify and mitigate possible negative impact to the economy, the environment and the community. MIT embeds sustainability objectives in its ESG policies to provide a roadmap for day-today operations and decision-making. The Mapletree Group drives all policies relating to ESG matters. This is supplemented by specific policies that cater to the unique demand and nature of MIT's business. The policies are regularly reviewed and revised in accordance with the changing business environment. They are also communicated to all employees via email and are available on the organisation's intranet. More information on the policies can be found on pages 34 to 35.

The Mapletree Group supports the Paris Agreement and Singapore's net zero ambitions and aligns its sustainability matters with the United Nations' Sustainable Development Goals ("UN SDGs"). Mapletree Group's "Net Zero by 2050" roadmap, announced in FY21/22, serves as a guide for MIT to integrate sustainability principles into investment decisions, operations and development projects. MIT's progress along this roadmap can be found in the Net Zero Progress section on page 12.

## Integrating sustainability into remuneration

As part of the Manager's commitment to sustainability, the performance target bonus amount for management and employees is tied to Key Performance Indicators ("KPIs") that are

evaluated to be critical to MIT and aligned with its sustainability strategy.

These KPIs include the improvement in capability development of the workforce, the achievement of the reduction in energy consumption and renewable energy targets.

For further information on remuneration matters, refer to pages 88 to 92 of the Annual Report.

#### Materiality 3-1

The Manager recognises that a meaningful sustainability approach involves understanding stakeholders' key concerns and identifying and prioritising the matters that are most material to its business and stakeholders. The Manager conducts an annual review of MIT's material matters to assess their continued relevance. Key internal stakeholders are consulted as part of the process and the scope and priority of each material topic is adjusted where

In FY21/22, the Mapletree Group and REIT Managers conducted a re-assessment of MIT's material matters to address changing stakeholder expectations and emerging risks. As part of this exercise, surveys and interviews were conducted with internal and external stakeholders. The Board has reviewed and reaffirmed the continued relevance of the 11 material matters and an additional non-material matter in FY23/24, which have been grouped into four main pillars -Economic, Environmental, Social and Governance.

## Material matters, targets and performance 3-2 3-3



The Manager mapped its material matters against the UN SDGs to identify areas where MIT could make the most significant contributions. The following table summarises MIT's material matters, targets and performance and how the goals contribute to the relevant UN SDGs.

Material matters		FY23/24		FY24/25 and beyond	Contribution	
		Targets	Performance	Targets	to the UN SDGs	
Econor	nic Pillar: Creating Value a	nd Delivering Sustaina	able Returns to	o Stakeholders		
	Economic performance Achieve sustainable economic growth to provide returns to our Unitholders	Deliver sustainable and growing returns to Unitholders in the long term	•	<b>Long-term target</b> Deliver sustainable and growing returns to Unitholders in the long term	8 INCOMPAGE CONTROL	
	Strong partnerships Strengthen our relationships with key stakeholders	Plan at least two events to strengthen relationships with key stakeholders	•	<b>Long-term target</b> Plan at least two events to strengthen relationships with key stakeholders	17 PATENCIANS	
Enviror	nmental Pillar: Safeguardin	g Against Impact of C	limate Change	•		
<b>(%)</b>	Energy and climate change	Reduce FY23/24 average building electricity intensity by 0.75% for MIT's properties in Singapore from the base year of FY22/23	•	Reduce FY24/25 average building electricity intensity by 18% for MIT's properties in Singapore from the base year of FY19/20 Revised	7 Microsoft July	
	Improve our energy performance and efficiency and manage the risks and opportunities arising from climate change			Increase total solar energy generating capacity in FY24/25 by 4,000 kWp Ne	w	
				Achieve ISO 14001:2015 certification for the Environmental Management System in FY24/25 $^{\mbox{\scriptsize New}}$	13 mm	
				<b>Long-term targets: By FY29/30</b> Reduce average building electricity intensity by 15% for MIT's properties in Singapore from the base year of FY19/20		
				Reduce average building Scope 2 GHG emissions intensity by $17\%$ for MIT's properties in Singapore from the base year of FY19/20		
				Increase total solar energy generating capacity across MIT's portfolio to 10,000 kWp		
				Align with MIPL's commitment to achieve net zero emissions by 2050		
	Quality, sustainable products and services Improve the quality and sustainability of our real estate assets	Introduce sustainability clauses for all new and renewal leases for the Singapore and North American Portfolios	•	Attain sustainable building certifications for 180 Peachtree Street NW, Atlanta and 250 Williams Street NW, Atlanta New	11 SECUMENT CITES	
				Achieve 35% of leases with sustainability clauses in the Singapore Portfolio $^{\rm Ne}$		
				<b>Long-term target</b> Engage with tenants to adopt sustainability clauses for all new and renewal leases across MIT's portfolio New		
(P)	Water management Sustainably manage our water resources	Implement water conservation campaign through four initiatives for MIT tenants in Singapore	•	Implement water conservation campaigns through four initiatives for MIT tenants in Singapore	6 was proutrice	
				$\mbox{\bf Long-term target}$ Engage with tenants on the importance of water conservation $^{\mbox{\scriptsize New}}$	¥	
	Additional non-material matter Waste management	Promote the utilisation of food digesters in the	•	Introduce recycling programme for wooden pallets at the Serangoon North Cluster <sup>New</sup>	12 HOVERSTON AND PRODUCTION AND PRODUCTION	

Reduce waste generation

and promote recycling

Kampong Ampat

Cluster

<sup>3</sup> The precautionary principle is set out in the Principle 15 of the UN Rio Declaration on Environment and Development. It states: "Where there are threats of serious or irreversible damage, lack of full scientific certainty shall not be used as a reason for postponing cost-effective measures to prevent environmental degradation.

#### Material matters FY23/24 FY24/25 and beyond Contribution to the UN SDGs Targets Performance Targets Social Pillar: Enhancing Social Value in the Workplace and Community Hold employee town hall meetings at least once in a financial year Employee engagement Hold employee town hall meetings at least and talent management **111** once in a financial year Provide a positive and engaging work environment 70% of employees to 80% of employees to complete at least one hour of ESG and one hour of for our employees complete at least one digital-related training in a financial year hour of FSG and one Complete average training hours per employee of 40 hours New hour of digital-related training in a financial year Maintain a diverse Long-term target and relevant learning Maintain a diverse and relevant learning and professional development and professional programme development programme Diversity and equal Continue to commit Long-term targets to fair employment Continue to commit to fair employment practices by ensuring that all ₫ opportunity practices by ensuring individuals receive the same opportunities for hiring, advancement Maintain equity through that all individuals fair and equal opportunities receive the same Aspire to achieve at least 25% of female representation on the Board by 2025 for all opportunities for and 30% by 2030 hiring, advancement and benefits Achieve zero incidents Health and safety Long-term target Achieve zero incidents resulting in employee permanent disability or resulting in employee Maintain a safe environment permanent disability workplace fatality for all stakeholders and or workplace fatality care for the well-being of our employees Organise one MIT Community impact Long-term target Corporate Social Organise one MIT CSR initiative Support initiatives and Responsibility ("CSR") projects that have a positive initiative impact on communities Governance Pillar: Upholding High Ethical Standards Ethical business conduct Maintain zero incidents of non-Maintain zero incidents of non-compliance with anti-corruption laws and Conduct our business compliance with regulations with utmost integrity and anti-corruption laws accountability and regulations Compliance with laws Achieve no material Long-term target incidents of Achieve no material incidents of non-compliance with relevant laws and and regulations non-compliance with regulations Achieve full regulatory relevant laws and compliance in everything regulations we do

#### Performance Indicator







#### 4 Source: Investing in the rising data centre economy, McKinsey & Company, 2023

# Sustainability Report 2023/2024 | Delivering Sustainable Value

### Short-term sustainability challenges

MIT's stable workforce and strong compliance with relevant laws and regulations demonstrate the Manager's commitment on the social and governance front. However, the Manager faces challenges in managing the environmental performance of MIT's data centres and multi-user factory space. These are attributed to the nature of the business, regulatory and operating landscape in different geographies. More time and extensive engagement with the tenants will be required to address these challenges.

#### **Data Centres**

With the rising demand for digital services, cloud computing and artificial intelligence ("AI"), data centres have become an integral part of the global infrastructure. Demand for data centres in the United States alone is predicted to rise by 10% annually till 20304. While data centres are critical to the modern society, they also are highly energy intensive. A large amount of electricity is required to run and cool the servers. This also results in higher GHG emissions as compared to other asset classes. This presents a unique sustainability challenge for MIT, whose portfolio predominantly comprises data centre assets.

The Manager has operational control over five of the 61 data centres in MIT's portfolio. It has implemented measures to manage the environmental impact of data centres where possible. These include installing more efficient cooling systems and increasing renewable energy use. Where the Manager has limited or no operational control of the data centres, efforts to enhance the sustainability aspect of these assets are limited.

The second challenge is the visibility of environmental data. As most of the data centres are leased on a triplenet basis with the utility and property maintenance costs borne solely by the tenants, there is no visibility or control of the tenants' environmental

performance over energy, water and waste. The lack of visibility of environmental data is compounded by the increased emphasis on data privacy and the different ESG regulatory approaches and legislation across the United States.

#### Multi-user Factory Space

Flatted Factories and Stack-up/Ramp-up Buildings constituted about 21.4% of MIT's portfolio (by assets under management) as at 31 March 2024. The tenant base comprises predominantly small and medium-sized enterprises ("SMEs"). They may possess less resources and lower maturity in their sustainability efforts as compared to larger companies. Accordingly, it may be challenging for most tenants from Flatted Factories and Stack-up/ Ramp-up Buildings to rapidly scale up their sustainability measures and this could impact MIT's environmental performance. Tenants who are at the early stages of growing their businesses and have limited resources may place a lower priority on investing in sustainability

Nevertheless, the Manager continues to encourage a positive shift in user mindset and behaviour through regular engagement, education, monitoring and measurement to improve the environmental performance of MIT's properties

Kindly refer to the Net Zero Progress section on page 12 for more information.

# **SPOTLIGHT**

## Tackling Sustainability Challenges

The Manager seeks to account for tenant emissions in its decarbonisation strategy and carbon reduction targets, even though MIT's tenants procure their own energy.

It is therefore paramount to have visibility of tenants' environmental data. This will allow the Manager to better identify opportunities to help the tenants carry out their operations more efficiently. In FY22/23, the Manager established the target on introducing sustainability clauses for new leases in Hi-Tech Buildings and Business Park Buildings. These clauses

aim to encourage tenants to share environmental data and to participate in relevant sustainability initiatives. The target was further expanded to all new and renewal leases of the Singapore and North American Portfolios in the subsequent year. The Manager has established a target on tracking the proportion of leases with sustainability clauses in the Singapore Portfolio for FY24/25 to drive progress.

The Manager will continue to engage tenants on ESG matters, including data sharing, through meetings and sustainability events.



Engaged 24% of tenants (by Overall Portfolio's NLA) on ESG matters in FY23/24



To achieve 35% of leases with sustainability clauses in Singapore Portfolio in FY24/25



To attain 2 new sustainable building certifications in FY24/25

## Stakeholder engagement 2-29

The Manager regularly engages with the key stakeholder groups that have significant influence on MIT's business or are considerably impacted by MIT. The Manager has outlined the key topics of interest for each stakeholder group in the table below and considered them in its responses.

Key stakeho <mark>lde</mark> rs	Engagement methods	Key topics of interest	The Manager's response and key outcomes
Tenants	Marketing and Property Management hotlines     Tenant Handbook and circulars     On-site property management employees for multi-tenanted buildings     Meetings with key existing and new tenants     Tenant engagement initiatives	Well-managed industrial facilities     Safe working environment     Prompt response to feedback     Environmentally sustainable buildings     Responsible marketing communications     Stronger landlord-tenant relationships     Tenant engagement on ESG initiatives	Managing tenant feedback effectively and maintaining professionalism in the interaction with tenants     Providing feedback channels for all tenancy matters and projects     Organising tenant engagement and knowledge sharing events including on ESG initiatives     Incorporating ESG component into tenant satisfaction survey  Organised 7 tenant events
Investors, analysts and media	Announcements via SGXNET Regular meetings, events and teleconferences with investors and analysts Results briefings with "live" audio webcasts for half-year and full-year results Financial reporting Annual general meetings Annual reports	Stable and sustainable distributions Viable long-term business strategy and outlook Timely and transparent reporting Good corporate governance ESG strategy, opportunities and performance	Email alerts to subscribers on announcements and updates     Maintaining proactive and transparent disclosures in a timely manner     Ensuring strong Board oversight     Implementing sound risk management and internal control practices  Participated in 8 investor conferences and events
Employees	Mapletree Immersion Programme for new employees Annual Industrial Communications Forum by management Annual Staff Communication Session (organised by the Sponsor) Career development and performance appraisals Annual Town Hall Mapletree Group Employee Engagement Survey Employee grievance handling procedures Recreation Club activities and staff volunteering activities	Equitable reward and recognition     Good communication of business strategies and corporate objectives     Training and development opportunities     Safe and healthy working environment     Incorporation of ESG targets in employee remuneration	Employee Handbook, Company Intranet and email updates     Ensuring fair and objective criteria for recruitment process     Ensuring transparent and objective performance appraisals and performance-based remuneration system     Providing regular training programmes, education sponsorships, and career progression opportunities     Offering health and wellness benefits     Maintaining workplace health and safety  Held 120 wellness events in Singapore, United States and Japan

Key stakeholders	Engagement methods	Key topics of interest	The Manager's response and key outcomes
Regulators and trustee	Meetings, briefings and reporting     Participation in industry associations     Responses to public consultations	Compliance with rules and regulations     Good corporate governance     Advocacy of best practices	Implementing policies and procedures to ensure compliance with relevant laws and regulations     Implementing sound risk management and internal control practices
Third-party service providers	Meetings, inspections and networking events     Regular operations meeting with service providers and the Property Manager	Safe working environment     Fair and reasonable business practices     Stronger relationships	Communicating policies and procedures, including health and safety requirements within the procurement process and execution     Ensuring integrity in procuremen decision-making process     Adhering to terms of agreements
Community	Collaborations with non-profit organisations     Feedback channels for ongoing development projects     Knowledge sharing events for tenants	Corporate philanthropy and engagement     Impact of development projects on surrounding communities	Giving back to society through CSR programmes, which are in line with the Mapletree CSR Framework     Encouraging employee volunteerism     Providing feedback channels for ongoing development projects     Supporting tenants' CSR initiatives     Integrating ESG considerations into the risk assessment and investment processes  Raised \$\$12,535 from MIT CSR initiative

