



Investor Presentation

August 2019

Important Notice



This presentation shall be read in conjunction with Mapletree Industrial Trust's ("MIT") financial results for First Quarter Financial Year 2019/2020 in the SGXNET announcement dated 23 July 2019.

This presentation is for information only and does not constitute an offer or solicitation of an offer to sell or invitation to subscribe for or acquire any units in Mapletree Industrial Trust ("Units").

The past performance of the Units and MIT is not indicative of the future performance of MIT or Mapletree Industrial Trust Management Ltd. (the "Manager").

The value of Units and the income from them may rise or fall. Units are not obligations of, deposits in or guaranteed by the Manager or any of its affiliates. An investment in Units is subject to investment risks, including the possible loss of the principal amount invested. Investors have no right to request the Manager to redeem their Units while the Units are listed. It is intended that unitholders may only deal in their Units through trading on the Singapore Exchange Securities Trading Limited ("SGX-ST"). Listing of the Units on the SGX-ST does not guarantee a liquid market for the Units.

This presentation may also contain forward-looking statements that involve risks and uncertainties. Actual future performance, outcomes and results may differ materially from those expressed in forward-looking statements as a result of risks, uncertainties and assumptions. Representative examples of these factors include general industry and economic conditions, interest rate trends, cost of capital, occupancy rate, construction and development risks, changes in operating expenses (including employees wages, benefits and training costs), governmental and public policy changes and the continued availability of financing. You are cautioned not to place undue reliance on these forward-looking statements, which are based on current view of management on future events.

Nothing in this presentation should be construed as financial, investment, business, legal or tax advice and you should consult your own independent professional advisors.

Contents



- 1 Overview of Mapletree Industrial Trust
- 2 Portfolio Highlights
- 3 1QFY19/20 Financial Performance
- 4 Outlook and Strategy

OVERVIEW OF MAPLETREE INDUSTRIAL TRUST



Overview of Mapletree Industrial Trust

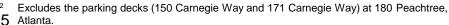


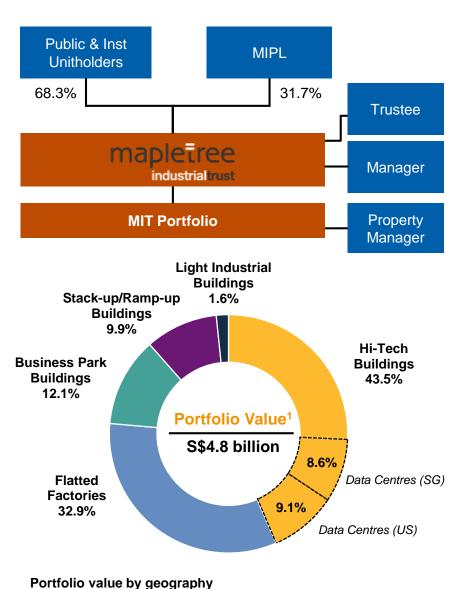
90.9%

9.1%

Sponsor	Mapletree Investments Pte Ltd ("MIPL") Owns 31.7% of MIT
Investment mandate	Focused on (i) industrial real estate assets in Singapore, excluding properties primarily used for logistics purposes and (ii) data centres worldwide beyond Singapore
Portfolio	101 properties valued at S\$4.8 billion ¹ 18.6 million ² sq ft NLA
Manager	Mapletree Industrial Trust Management Ltd. 100% owned by the Sponsor
Property Manager	Mapletree Facilities Services Pte. Ltd. 100% owned by the Sponsor
Trustee	DBS Trustee Limited

Based on MIT's book value of investment properties and investment properties under development as well as MIT's 40% interest of the joint venture with MIPL in a portfolio of 14 data centres in the United States and included right of use assets of S\$19.2 million as at 30 Jun 2019.



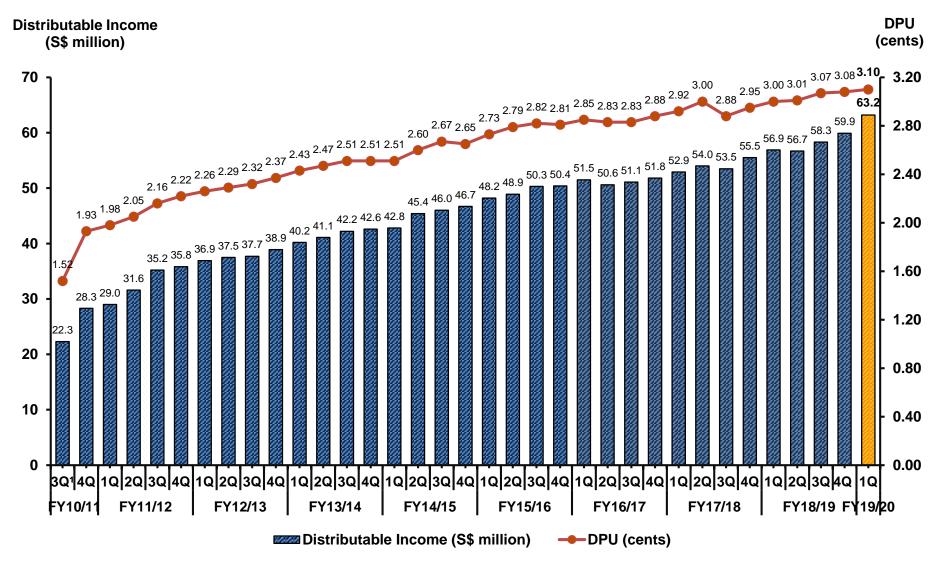


Singapore

United States

Sustainable and Growing Returns



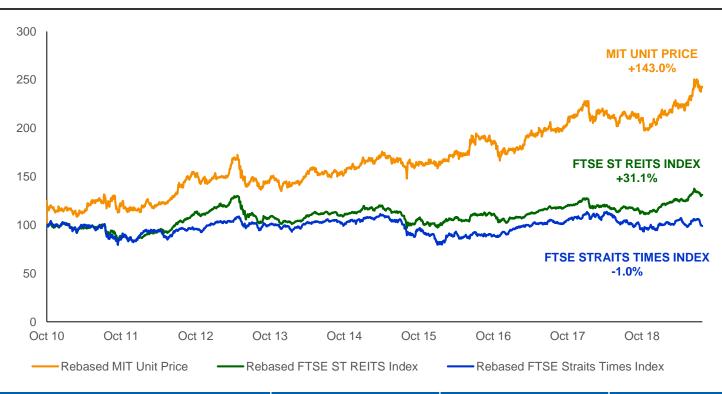


¹ MIT was listed on 21 Oct 2010.

Healthy Returns since IPO



COMPARATIVE TRADING PERFORMANCE SINCE IPO1



MIT's Return on Investment	Capital Appreciation	Distribution Yield	
Listing on 21 Oct 2010 to 13 Aug 2019	143.0%²	97.8%³	240.8% ⁴

Rebased MIT's issue price of S\$0.930 and opening unit prices of FTSE ST REITs Index and FTSE Straits Times Index on 21 Oct 2010 to 100. Source: Bloomberg.

² Based on MIT's closing unit price of S\$2.260 on 13 Aug 2019.

³ MIT's distribution yield is based on DPU of S\$0.910 over the issue price of S\$0.930.

⁴ Sum of distributions and capital appreciation for the period over the issue price of \$\$0.930.

Diverse Portfolio of 101 Properties





FLATTED FACTORIES

High-rise multi-tenanted industrial buildings with basic common facilities used for light manufacturing activities.



BUSINESS PARK BUILDINGS

High-rise multi-tenanted buildings in specially designated "Business Park zones". Serve as regional headquarters for MNCs as well as spaces for R&D and knowledge-intensive enterprises.



HI-TECH BUILDINGS

High specification industrial buildings with higher office content for tenants in technology and knowledge-intensive sectors. Usually fitted with air-conditioned lift lobbies and common areas.



STACK-UP/RAMP-UP BUILDINGS

Stacked-up factory space with vehicular access to upper floors. Multi-tenanted space suitable for manufacturing and assembly activities.



HI-TECH BUILDINGS – DATA CENTRES

Facilities used primarily for the storage and processing of data. Occupied by established tenants on long-term leases with built-in rental escalations.



LIGHT INDUSTRIAL BUILDINGS

Multi-storey developments usually occupied by an anchor tenant for light manufacturing activities.

87 Properties in Singapore



Total NLA

16.3m sq ft

WALE (By GRI)¹

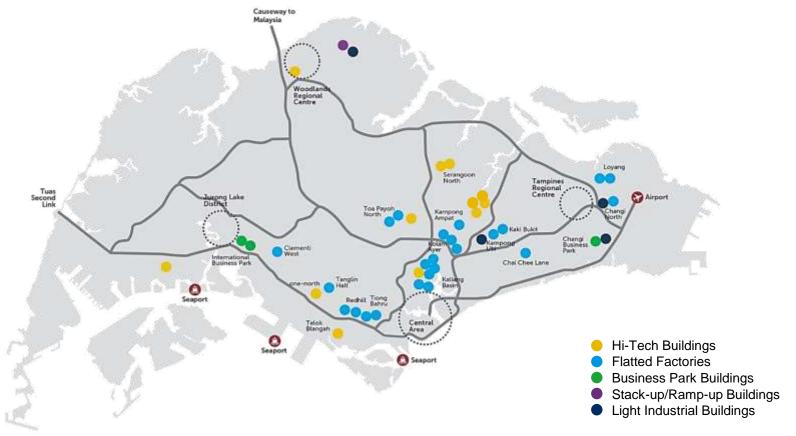
3.3 years

Weighted Average Unexpired Lease Term of Underlying Land¹

36.9 years

Occupancy Rate²

90.5%



As at 30 Jun 2019.

² For 1QFY19/20.

14 Data Centres Across 9 States in United States¹



Total NLA²

2.3m sq ft

WALE (By GRI)³

4.8 years

Weighted Average Unexpired Lease Term of Underlying Land

Freehold⁴

Occupancy Rate⁵

97.4%



CALIFORNIA

1 7337 Trade Street, San Diego

GEORGIA

- 2 180 Peachtree, Atlanta
- 3 1001 Windward Concourse, Alpharetta
- 4 2775 Northwoods Parkway, Atlanta

MICHIGAN

5 19675 W Ten Mile Road, Southfield

NEW JERSEY

2 Christie Heights, Leonia

NORTH CAROLINA

- 7 1805 Center Park Drive, Charlotte
- 5150 McCrimmon Parkway, Morrisville

PENNSYLVANIA

2000 Kubach Road, Philadelphia

TENNESSEE

402 Franklin Road, Brentwood

- Acquired through a 40:60 joint venture with MIPL.
- Excluded the parking decks (150 Carnegie Way and 171 Carnegie Way) at 180 Peachtree, Atlanta.
- 3 As at 30 Jun 2019.

N15W24250 Riverwood

Drive. Pewaukee

- 4 All properties are sited on freehold land, except for the parking deck (150 Carnegie Way) at 180 Peachtree, Atlanta. As at 30 Jun 2019, the parking deck has a remaining land lease tenure of approximately 36.5 years, with an option to renew for an additional 40 years.
 - ⁵ For 1QFY19/20.

Portfolio Growth since IPO

- **Asset Enhancement Initiatives ("AEI")**
- **Build-to-Suit ("BTS") Projects**
- **Acquisitions**

S\$2.88 billion

S\$3.42 billion S\$3.17 FY14/15 billion

S\$3.56 billion FY15/16

billion FY16/17

S\$3.75

FY11/12

Jul 2011

Acquired Flatted

Factories

from JTC

S\$400 million

billion FY10/11

S\$2,201

S\$2.70 billion

FY12/13



Jul 2013 Completed AEI at Woodlands Central S\$30 million

Oct 2013

Completed

BTS project for Kulicke & Soffa

S\$50 million

FY13/14



May 2014 Acquired Light Industrial Building at Changi North S\$14 million



Jan 2015 Completed BTS data centre for Equinix S\$108 million



Jun 2017 Completed BTS project for HP S\$226 million



S\$4.32

billion FY17/18

> Jun 2018 Acquired and upgraded 7 Tai Seng Drive into a data centre for Equinix S\$95 million

mapletree

industrial **S\$4.77** billion³

FY18/19



Dec 2017 Acquired 14 data centres in United States² US\$750 million



Jul 2018 Completed BTS data centre at Sunview Drive S\$76 million



Feb 2018 Completed AEI at 30A Kallang Place S\$77 million



Feb 2019 Acquired 18 Tai Seng S\$268.3 million



Jan 2014 Completed AEI at Toa Payoh North 1 S\$40 million

- Valuation of investment properties on 31 Mar at end of each financial year.
- Acquired through a 40:60 joint venture with MIPL.
- Based on MIT's book value of investment properties and investment properties under development and MIT's 40% interest of the joint venture with MIPL in a portfolio of 14 data centres in the United States as at 31 Mar 2019.

Reputable Sponsor with Aligned Interest



About the Sponsor, Mapletree Investments

- Leading real estate development, investment, capital and property management company
- Owns and manages a diversified portfolio of office, mixed-use, retail, logistics, industrial, residential and lodging assets with offices in Asia Pacific, UK and US
- Right of first refusal to MIT over future sale of (i) industrial or business park properties in Singapore¹ and (ii) 60% interest in the portfolio of 14 data centres in US

Assets Under Management²

S\$55.7b

Manages

4 Singapore-listed REITs

6 Private Funds

Owned by Sponsor

31.7%

Strong Operating Portfolio of Diversified Assets Across

12 Economies

ASSETS UNDER MANAGEMENT BY GEOGRAPHY²

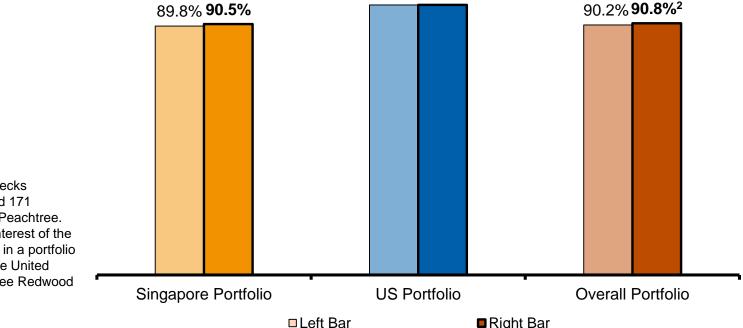




Portfolio Overview



	Singapore Portfolio	US Portfolio	Overall Portfolio
Number of properties	87	14	101
NLA (million sq ft)	16.3	2.3 ¹	18.6 ¹
Average passing rental rate (\$ psf/mth)	S\$2.10	US\$2.06	



97.4% 97.4%

Excludes the parking decks
 (150 Carnegie Way and 171
 Carnegie Way) at 180 Peachtree.

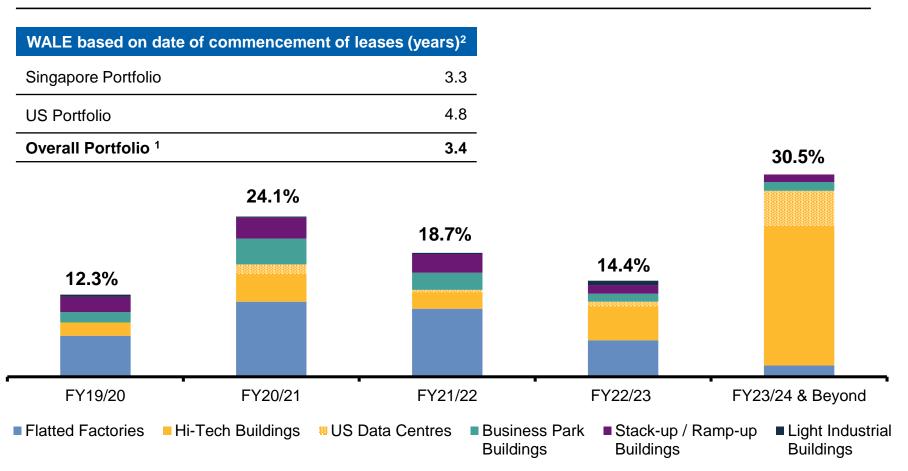
Based on MIT's 40% interest of the joint venture with MIPL in a portfolio of 14 data centres in the United States through Mapletree Redwood Data Centre Trust.

Lease Expiry Profile



EXPIRING LEASES BY GROSS RENTAL INCOME¹

As at 30 June 2019



Based on MIT's 40% interest of the joint venture with MIPL in a portfolio of 14 data centres in the United States through Mapletree Redwood Data Centre Trust.

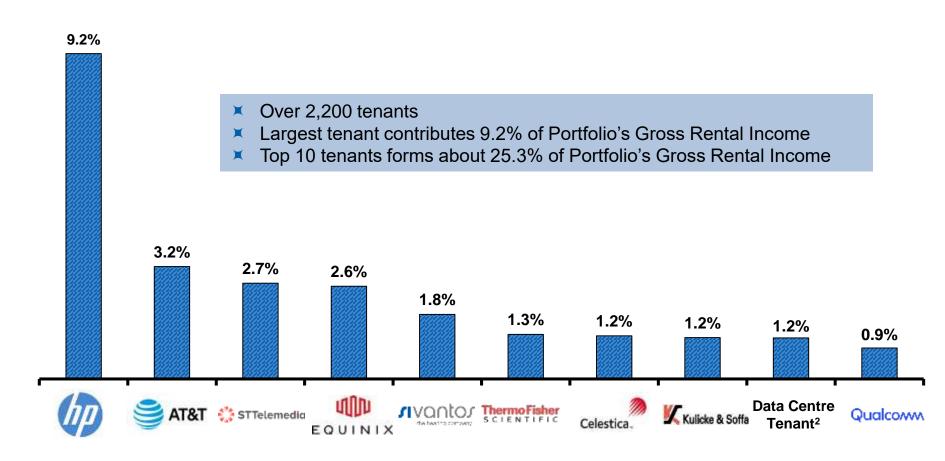
² Refers to leases which commenced prior to and on 30 Jun 2019.

Large and Diversified Tenant Base



TOP 10 TENANTS BY GROSS RENTAL INCOME¹

As at 30 June 2019



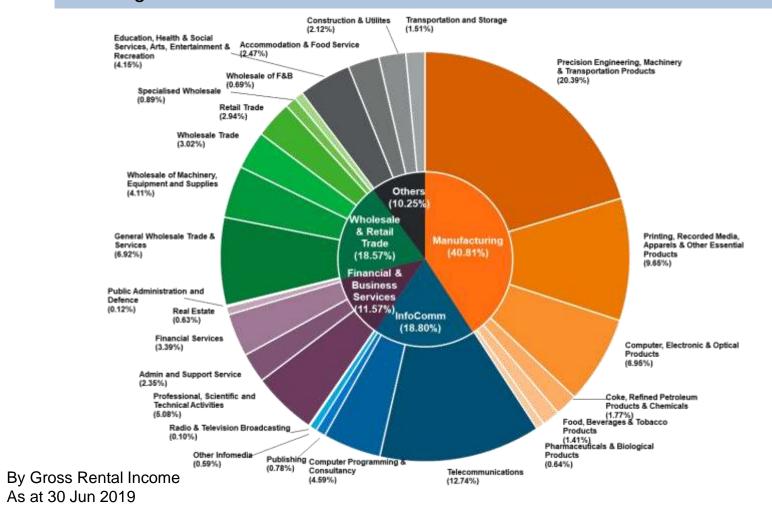
Based on MIT's 40% interest of the joint venture with MIPL in a portfolio of 14 data centres in the United States through Mapletree Redwood Data Centre Trust.

The identity of the tenant cannot be disclosed due to the strict confidentiality obligations under the lease agreement.

Tenant Diversification Across Trade Sectors¹



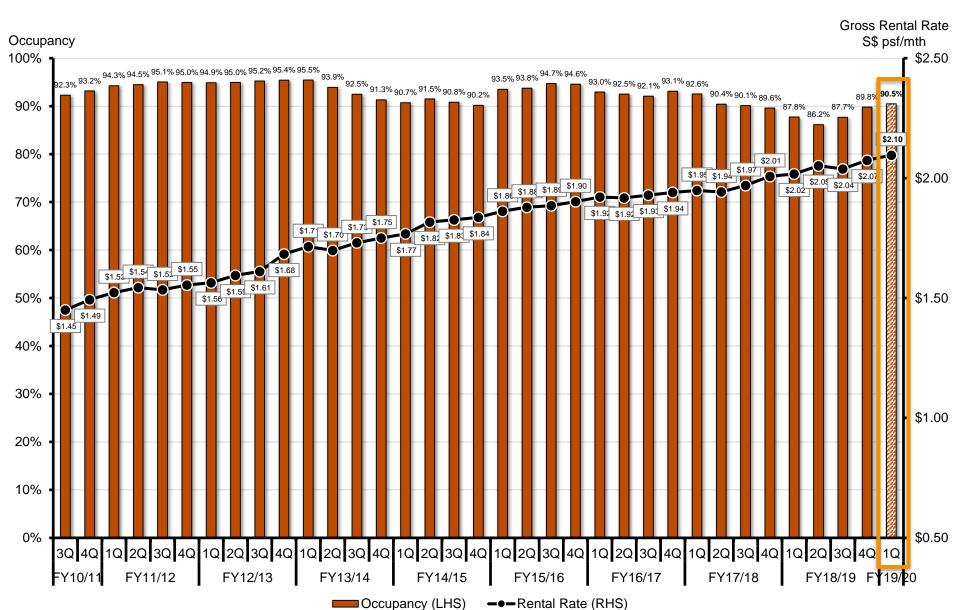
No single trade sector accounted >21% of Portfolio's Gross Rental Income



Based on MIT's 40% interest of the joint venture with MIPL in a portfolio of 14 data centres in the United States through Mapletree Redwood Data Centre Trust.

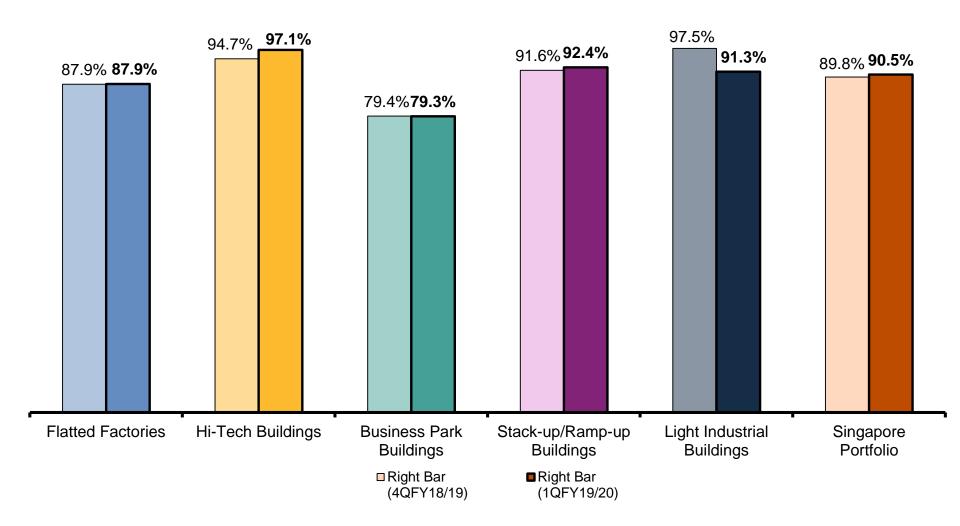
Singapore Portfolio Performance





Segmental Occupancy Levels (Singapore)



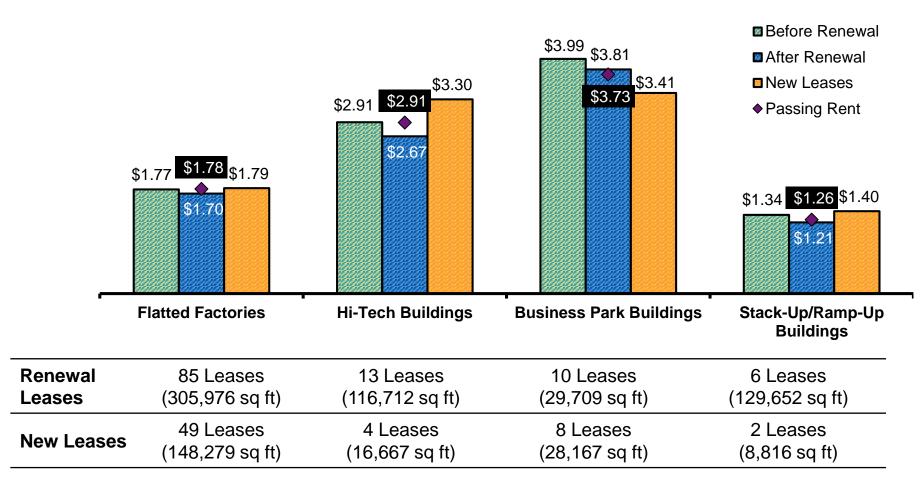


Rental Revisions (Singapore)



Gross Rental Rate (S\$ psf/mth)¹

For Period 1QFY19/20



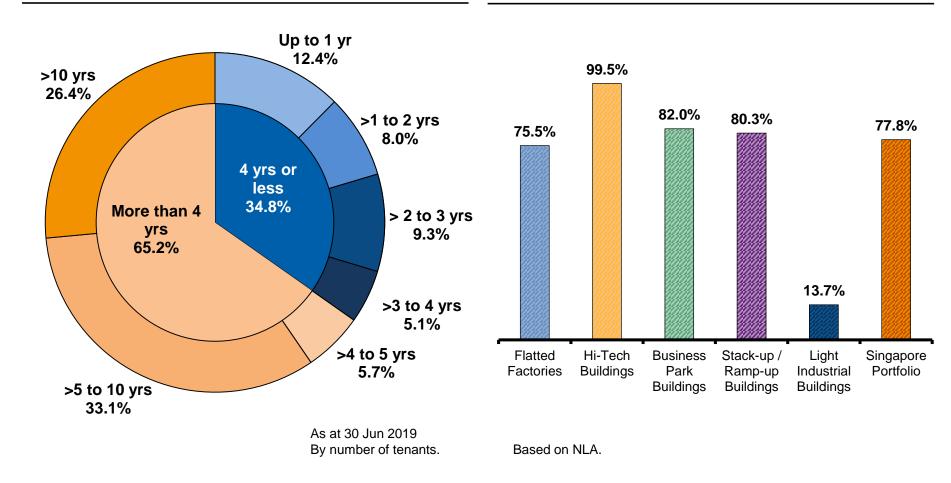
¹ Gross Rental Rate figures exclude short term leases; except Passing Rent figures which include all leases.

Healthy Tenant Retention (Singapore)



LONG STAYING TENANTS

RETENTION RATE FOR 1QFY19/20



- 65.2% of the tenants have leased the properties for more than 4 years
- Tenant retention rate of 77.8% in 1QFY19/20

Upgrading – 7 Tai Seng Drive





Total Project Cost **\$\$95.0 million**¹

GFA **256,600 sq ft**

Completion 3 Jul 2019

- Completed upgrading of the seven-storey property into a data centre on 3 Jul 2019
- Commenced lease on 20 Jul 2019²
- Upgrading works included increasing power and floor loading capacities and installing additional telecommunication infrastructure
- 100% committed by Equinix Singapore for an initial term of 25 years³ with annual rental escalations

¹ Includes the purchase consideration of 7 Tai Seng Drive for S\$68.0 million.

² Includes a rent-free period of two months.

Subject to MIT exercising the option to extend the land lease for the additional 30 years.

Redevelopment – Kolam Ayer 2



	Property	GFA	Plot Ratio
Kolam Ayer 2 Cluster	Two Flatted Factories and an amenity centre	506,720 sq ft	1.5
After Redevelopment	New Hi-Tech Buildings, including a seven-storey BTS Facility for Anchor Tenant	865,600 sq ft	2.5





- Redevelopment of Kolam Ayer 2 Flatted Factory Cluster into a new high-tech industrial precinct at total project cost of S\$263 million¹
- Secured pre-commitment from a global medical device company headquartered in Germany (the "Anchor Tenant") for about 24.4% of enlarged GFA (~211,000 sq ft)
- BTS Facility is 100% committed by Anchor Tenant for lease term of 15 + 5 + 5 years² with annual rental escalations
- Commencement in 2H2020 and completion in 2H2022

¹ Includes the book value of the Kolam Ayer 2 Cluster at S\$70.2 million as at 31 Mar 2019 prior to the commencement of the redevelopment.

Includes a rent-free period of six months distributed over the first six years. Anchor Tenant will be responsible for all operating expense and property tax of the BTS Facility.

1QFY19/20 FINANCIAL PERFORMANCE



Statement of Profit or Loss (Year-on-Year)



	1QFY19/20 (S\$'000)	1QFY18/19 (S\$'000)	↑/(↓)
Gross revenue	99,575	91,487	8.8%
Property operating expenses	(21,656)	(22,028)	(1.7%)
Net property income	77,919	69,459	12.2%
Borrowing costs	(10,576)	(9,358)	13.0%
Trust expenses	(8,835)	(7,848)	12.6%
Share of joint venture (net of taxes) ¹	4,311	4,334	(0.5%)
Profit for the period	62,819	56,587	11.0%
Net non-tax deductible items	(3,332)	(2,916)	14.3%
Distribution declared by joint venture	3,754	3,237	16.0%
Amount available for distribution	63,241	56,908	11.1%
Distribution per Unit (cents)	3.10	3.00	3.3%

Share of joint venture relates to MIT's 40% interest of the joint venture with MIPL in a portfolio of 14 data centres in the United States through Mapletree Redwood Data Centre Trust.

Statement of Profit or Loss (Qtr-on-Qtr)



	1QFY19/20 (S\$'000)	4QFY18/19 (S\$'000)	↑/(↓)
Gross revenue	99,575	98,822	0.8%
Property operating expenses	(21,656)	(22,972)	(5.7%)
Net property income	77,919	75,850	2.7%
Borrowing costs	(10,576)	(10,379)	1.9%
Trust expenses	(8,835)	(8,623)	2.5%
Net fair value gain on investment properties and investment property under development	-	30,757	*
Share of joint venture ¹	4,311	13,186	(67.3%)
Comprising:			
- Net profit after tax	4,311	3,739	15.3%
- Net fair value gain on investment properties	-	9,447	*
Profit for the period	62,819	100,791	(37.7%)
Net non-tax deductible items	(3,332)	(44,659)	(92.5%)
Distribution declared by joint venture	3,754	3,804	(1.3%)
Amount available for distribution	63,241	59,936	5.5%
Distribution per Unit (cents)	3.10	3.08	0.6%

^{*} Not meaningful

Share of joint venture relates to MIT's 40% interest of the joint venture with MIPL in a portfolio of 14 data centres in the United States through Mapletree Redwood Data Centre Trust.

Balance Sheet



	_		
	30 Jun 2019	31 Mar 2019	↑/(↓)
Total assets (S\$'000)	4,635,120	4,607,064	0.6%
Total liabilities (S\$'000)	1,556,775	1,559,538	(0.2%)
Net assets attributable to Unitholders (S\$'000)	3,078,345	3,047,526	1.0%
Net asset value per Unit (S\$)¹	1.52	1.51	0.7%

¹ Net tangible asset per Unit was the same as net asset value per Unit as there were no intangible assets as at reporting dates.

Strong Balance Sheet



	30 Jun 2019	31 Mar 2019
Total debt (MIT Group)	S\$1,384.2 million	S\$1,398.2 million
Weighted average tenor of debt	4.2 years	4.4 years
Aggregate leverage ratio ¹	33.4%	33.8%

Strong balance sheet to pursue growth opportunities

- 'BBB+' rating with Stable Outlook by Fitch Ratings
- 100% of loans unsecured with minimal covenants

¹ In accordance with Property Funds Guidelines, the aggregate leverage ratio includes proportionate share of borrowings of the joint venture and deposited property values. As at 30 Jun 2019, total debt including MIT's proportionate share of joint venture debts is S\$1,630.1 million.

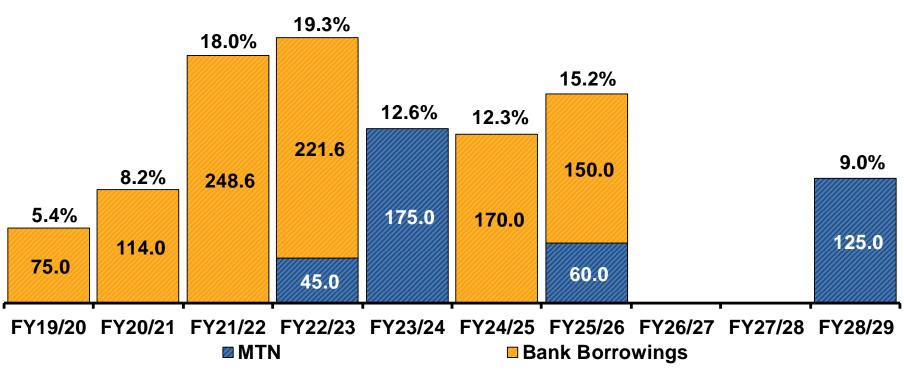
Well Diversified Debt Maturity Profile



DEBT MATURITY PROFILE

As at 30 June 2019

Weighted Average Tenor of Debt = 4.2 years



Amounts in S\$ million

Risk Management



	30 Jun 2019	31 Mar 2019
Fixed as a % of total debt	79.5%	78.6%
Weighted average hedge tenor	4.3 years	4.0 years
	1QFY19/20	4QFY18/19
Weighted average all-in funding cost	3.0%	3.0%
Interest coverage ratio	6.6 times	6.5 times

- S\$50 million interest rate hedge expiring in 4QFY19/20
- 100% capital hedge: US\$ investment in joint venture matched with US\$ borrowings
- About 85% of 2QFY19/20 net US\$ income stream are hedged into S\$



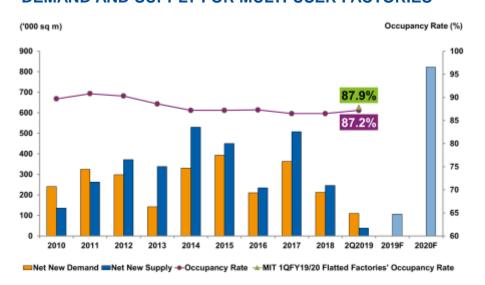
STRATEGY

Hi-Tech Buildings, 7337 Trade Street, San Diego

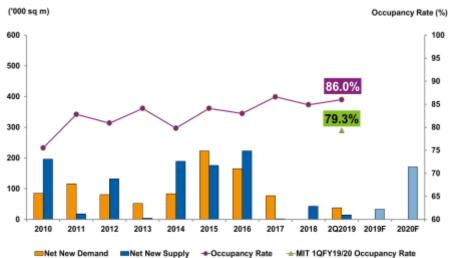
Singapore Industrial Property Market



DEMAND AND SUPPLY FOR MULTI-USER FACTORIES



DEMAND AND SUPPLY FOR BUSINESS PARKS



- Total stock for factory space: 38.4 million sq m
- Potential net new supply of 1.2 million sq m in 2019¹, of which
 - Multi-user factory space accounts for 0.1 million sq m
 - Business park space accounts for 0.03 million sq m
 - Moderation in quantum of industrial land released through Industrial Government Land Sales Programme since 2013
- Median rents for industrial real estate for 2Q2019¹
 - Multi-user factory space: S\$1.77 psf/mth (-1.7% q-o-q)
 - Business park space: S\$4.00 psf/mth (-8.5% q-o-q)
- Challenging operating environment
 - Singapore economy grew by 0.1% y-o-y in the quarter ended 30 Jun 2019, lower than 1.1% growth in preceding quarter²
 - Companies remained cautious amid mounting downside risks from ongoing United States-China trade tensions and an uncertain global growth outlook
 - Tapering supply of competing industrial space may help to stabilise both market rents and occupancy rates

JTC J-Space, 25 Jul 2019

³²

² Ministry of Trade and Industry, 13 Aug 2019

Data Centre Market



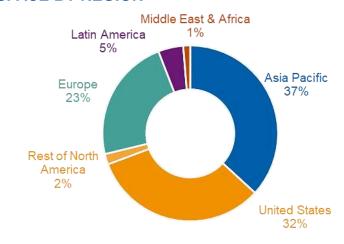
United States is the world's largest data centre market with continued growth

- Worldwide insourced¹ and outsourced¹ data centre space is expected to grow at a CAGR of 4.9% between 2017 and 2023F
- United States comprised 32% of the worldwide insourced and outsourced data centre space
- United States leased data centre supply (by net operational sq ft) and demand (by net utilised sq ft) are expected to grow at a CAGR of 4.6% and 7.6% respectively between 2017 and 2023F

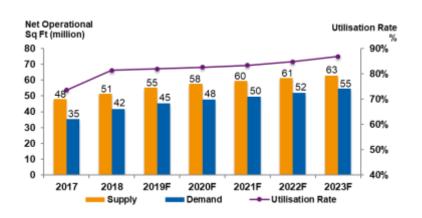
WORLDWIDE INSOURCED AND OUTSOURCED **DATA CENTRE SPACE**



INSOURCED AND OUTSOURCED DATA CENTRE SPACE BY REGION²



UNITED STATES LEASED DATA CENTRE SUPPLY AND DEMAND



Insourced data centre space refers to enterprise-used data centre space. Outsourced data centre space comprises leased and cloud provider-owned data centre space.

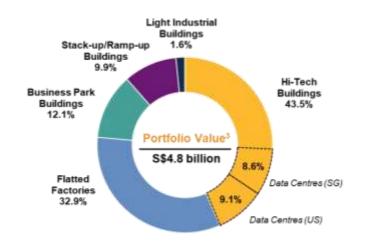
By net operational sq ft.

Capturing Growth in Data Centre Sector



Access to fast-growing data centre sector

- MIT has 5 data centres in Singapore and 14 data centres in United States¹
- Demand for data centre space driven by growing data creation and storage, proliferation of Internet of Things and adoption of cloud services
- Overseas data centre properties may comprise about 30% of assets under management²



EXPLORING ESTABLISHED DATA CENTRE MARKETS



Held through a 40:60 joint venture with MIPL.

² Subject to periodic review by the Manager.

Based on MIT's book value of investment properties and investment properties under development as well as MIT's 40% interest of the joint venture with MIPL in a portfolio of 14 data centres in the United States and included right of use assets of S\$19.2 million as at 30 Jun 2019.

Resilient and Poised for Growth



Stable and Resilient Portfolio

- Higher Overall Portfolio occupancy rate of 90.8%
- Only 12.3% of leases (by gross rental income) due for renewal in FY19/20

Enhanced Financial Flexibility

- Aggregate leverage of 33.4% provides financial flexibility to pursue investment opportunities
- Hedged borrowings of 79.5%

Growth by Acquisitions and Developments

- Completed upgrading of 7 Tai Seng Drive into a data centre for Equinix Singapore
- Embarking on its largest redevelopment project at Kolam Ayer with 24.4% of space pre-committed





End of Presentation

For enquiries, please contact Ms Melissa Tan, Director, Investor Relations, DID: (65) 6377 6113, Email: melissa.tanhl@mapletree.com.sg