

## Transcript: Temasek Review 2024 Media Conference

9 July 2024

The following is transcript of the Presentation of the Temasek Review 2024. The text should be read in conjunction with the slides shown in this transcript. It has been edited from delivery only for readability.



### Lena Goh:

Good morning, everyone.

Welcome to Temasek Review 2024.

I am Lena Goh from Temasek and I will be your host for this morning.

Our theme this year is "With Tomorrow in Mind", and our panellists for this year will include our Deputy CEO, Mr Chia Song Hwee; our CFO, Ms Png Chin Yee; our Head of Real Estate, Alpin Mehta; as well as our Head of Financial Services, Ms Connie Chan.

Before I start, we would like to share three key points with you.

1. All data that will be presented today is for financial year ended 31 March 2024.
2. All currencies quoted in today's materials will be in Singapore dollars, unless otherwise stated.
3. Also, all information is embargoed till 3pm Singapore time today.

For those online, if you experience any technical issues, please reach out to us via the WhatsApp hotline that has been shared with you.

A recording of this media briefing will also be made available online after the session.

We will have Connie share with us our performance results and global outlook, followed by Alpin, who will share on our sustainability and community updates. We will then move on to the Q&A session.

Before we start, let us kick off with a short video recapping our year in review.



**Connie Chan:**

Hi, good morning, everyone.  
My name is Connie.

The theme for this year's Temasek Review is,  
**"With Tomorrow in Mind".**

To adapt to a changing world,  
we have been actively reshaping our portfolio.

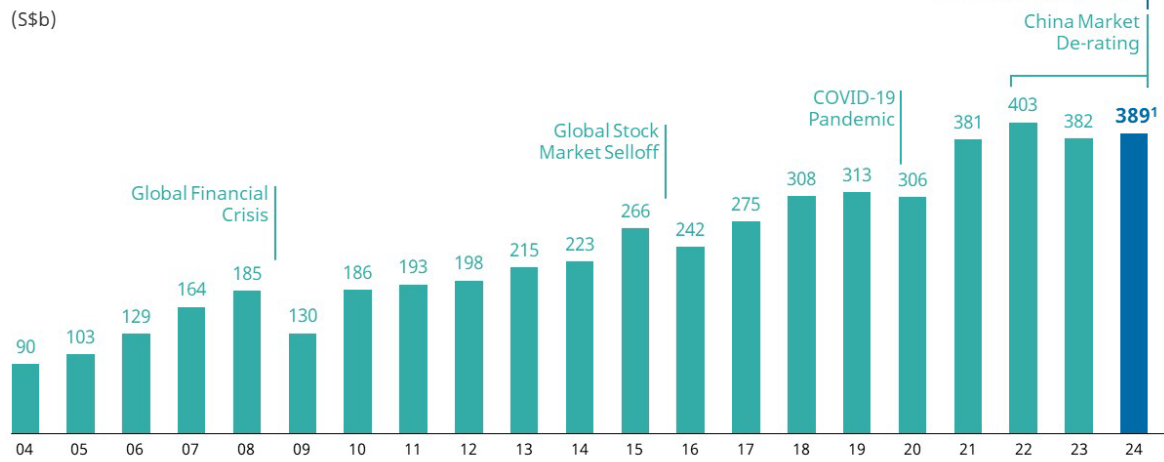
Now, let me take you through our performance review.

## Net Portfolio Value of S\$389 billion

(S\$b)

PERFORMANCE

S\$389 billion



<sup>1</sup> Based on valuing our listed investments at share prices and unlisted investments at book value less impairment.  
All figures in this presentation deck are in reference to our net portfolio value of S\$389 billion, which is equivalent to US\$288 billion as at 31 March 2024.  
(as at 31 March)

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Our mandate is to deliver sustainable returns over the long term.

We have two key performance metrics:  
Net portfolio value, or NPV;  
and Total Shareholder Return, or TSR.

We ended the financial year  
with an NPV of **\$389** billion,  
up **\$7** billion from the previous year.

This was largely due to our returns in the US and India,  
offset by the underperformance of China's capital markets.

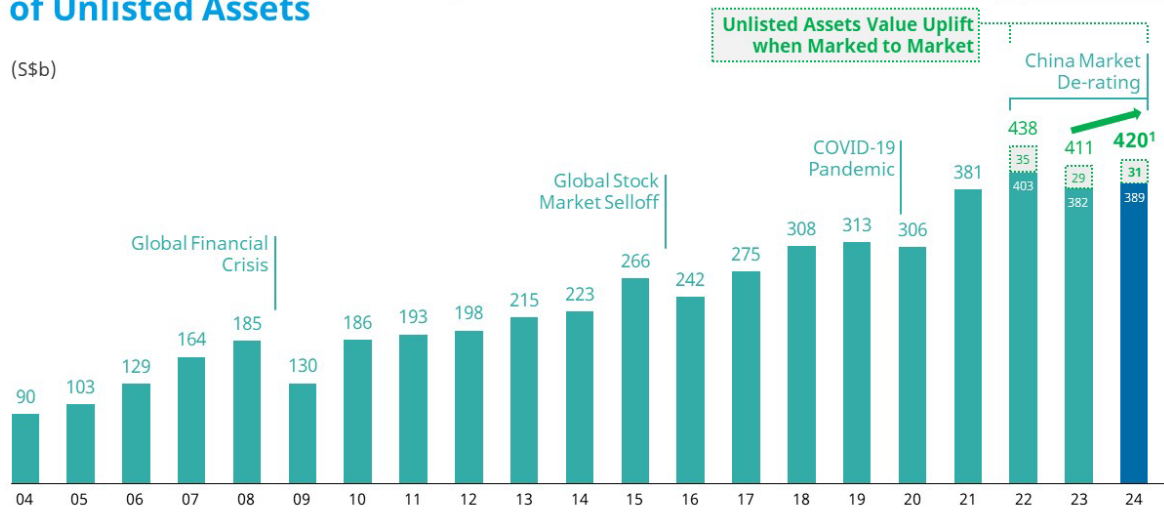
We continue to grow our NPV through market cycles.

As you can see from the chart,  
our portfolio has remained resilient  
throughout several market dislocations.

## \$420 Billion NPV Including Mark to Market of Unlisted Assets

PERFORMANCE

(\$b)



<sup>1</sup> Applying a similar methodology, marking our unlisted portfolio to market would bring our net portfolio value to \$411 billion and \$438 billion for the financial years ended 31 March 2023 and 2022 respectively. (as at 31 March)

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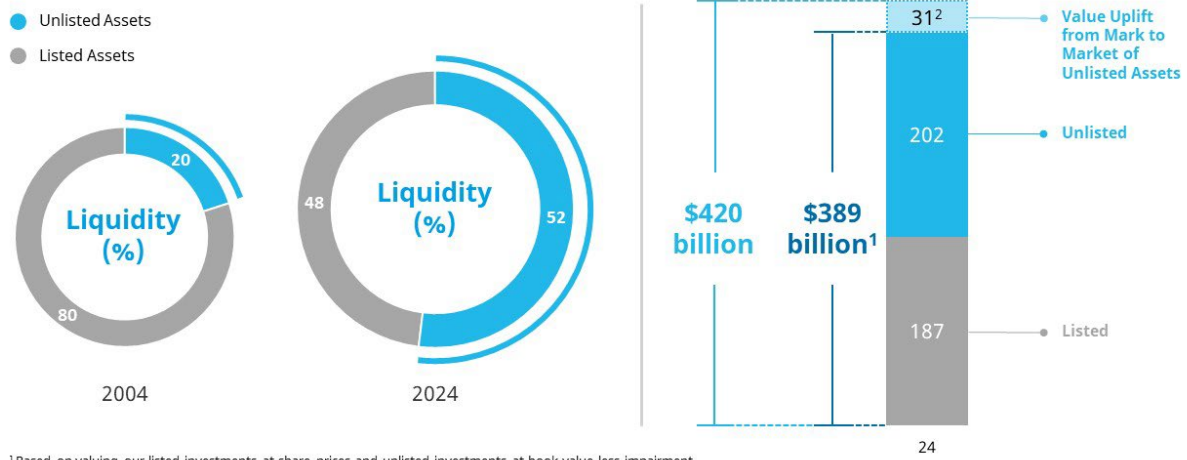
On a mark to market basis,  
our NPV is **\$420** billion,  
an uplift of **\$31** billion.

We have been disclosing  
our NPV on a mark to market basis since 2022.

Compared to the Mark to Market NPV  
of **\$411** billion last year, we are up **\$9** billion this year.

## \$31b of Value Uplift from Mark to Market of Unlisted Assets

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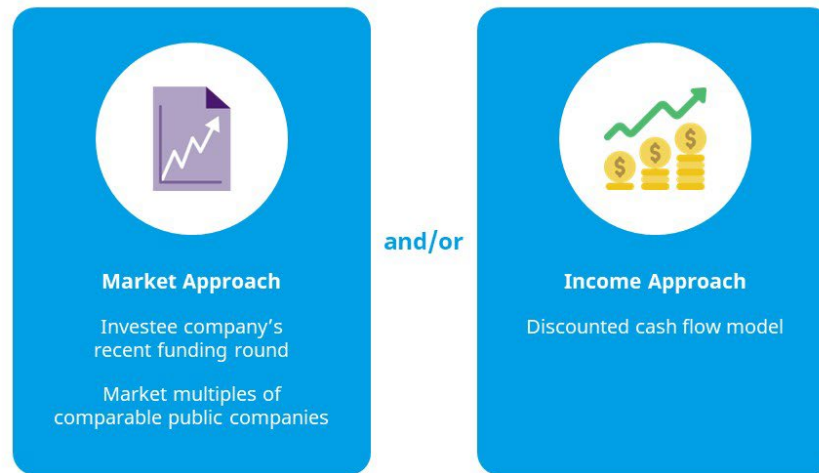
On this next page,  
you can see that  
our share of unlisted assets has grown from  
**20%** in 2004 to **52%** today.

Given that unlisted assets  
now make up a majority of our portfolio,  
we are often asked about the mark to market value  
of our unlisted assets.

This would also facilitate comparisons with peers  
who mostly report on a mark to market basis.

## Valuation Methodology for MTM of Unlisted Assets

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So, what is the difference between our current approach and mark to market?

Currently, we take the book value of our unlisted portfolio in our NPV.

Marking to market would require a market approach.

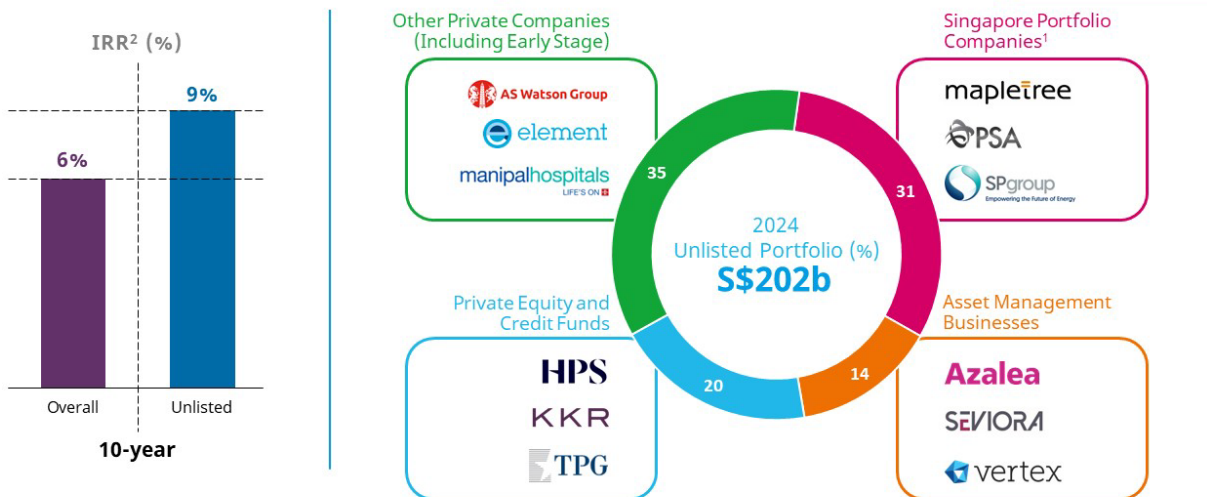
We would reference an investee company's recent funding rounds or market multiples of comparable public companies.

In some instances, such as infrastructure or segments of real estate, we use an income approach, such as a discounted cash flow model.

As I mentioned previously, we have been sharing our mark to market valuation over the last two years, and this year, we have further refined our methodology to be consistent with market practice.

You will see that we have presented the mark to market value for the prior two years on a similar basis for consistency. Just to be clear, for the purposes of this presentation, all the figures in the deck will reference our reported NPV of **\$389** billion.

## Diversified Portfolio of Quality Unlisted Assets



<sup>1</sup> Includes only key portfolio companies headquartered in Singapore.

<sup>2</sup> IRR is the money weighted returns of our invested portfolio and its sub-portfolios, and takes into account the timing and size of our cash flows with investees, whereas TSR is a time weighted returns of the total portfolio level, after considering effects of cash flow between Temasek and its shareholder.  
(as at 31 March 2024)

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On this next slide,  
you can see the breakdown of our unlisted portfolio.

In pink, we have our Singapore Portfolio Companies,  
which make up about a third of our unlisted portfolio.

In orange, we have our Asset Management Businesses  
and other partnerships.

In blue, you will see our investments  
into private equity funds and credit funds.

Investing in funds has enabled us  
to gain deeper insights into new markets and sub-sectors,  
while providing co-investment opportunities.

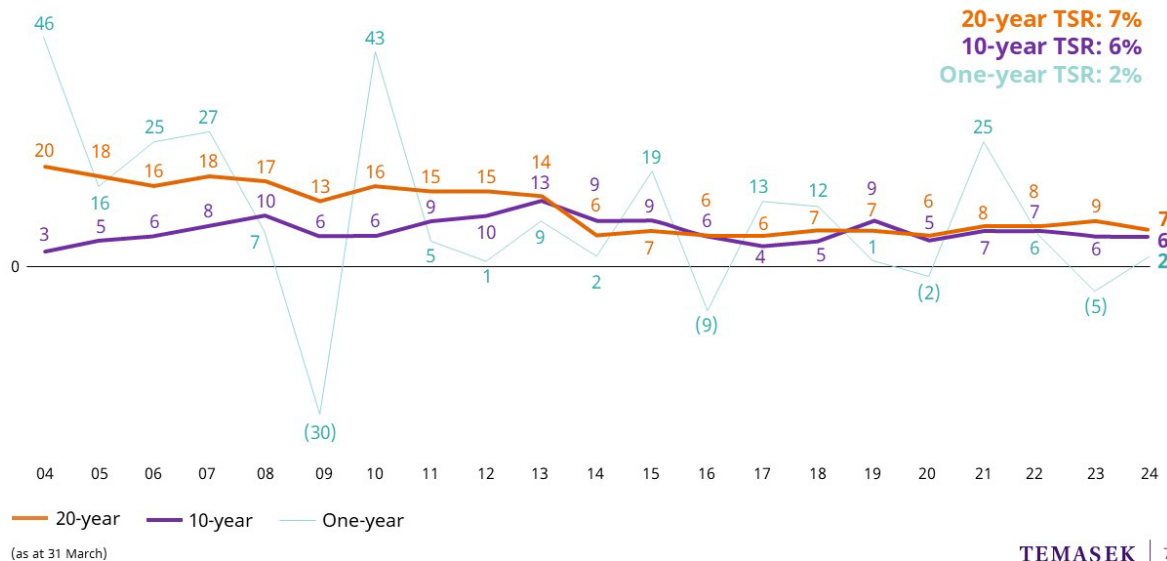
Lastly, in green, we have our direct investments  
into other private companies, including those in the early stage.

Over the last decade,  
our unlisted portfolio has generated returns of **9%** per annum,  
delivering higher returns than our overall portfolio.

Our unlisted assets have also contributed over **\$100 billion**  
of fund distributions and dividends over the same period.

## Long-Term Returns Remain Stable

PERFORMANCE



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I will now take you through our Total Shareholder Return.

Longer-term TSRs are dependent on the starting and ending year.

This year, our 20-year TSR excludes 2004, which was the post-SARS recovery year.

This explains the drop in our 20-year TSR from **9%** to **7%**.

Our 10 and 20-year TSRs remain stable.

As you can see from the orange line,  
our 20-year TSR was **7%**  
and our 10-year TSR, as shown in the purple, stood at **6%**.

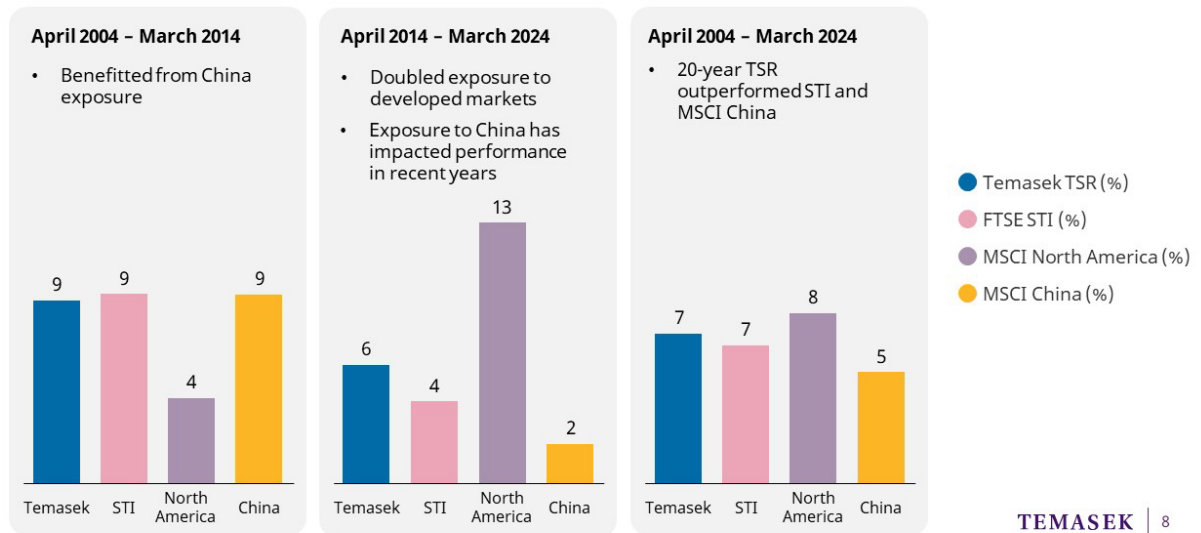
As our investments are primarily in equities,  
we are not immune to year-to-year market volatility.

The blue line reflects our one-year TSR,  
which was **1.6%**, or rounded to **2%** in the chart.

As you can see, our longer-term TSRs tend to be resilient  
and more representative of our performance.

## Portfolio Returns are Impacted by Recent Underperformance of China's Capital Markets

PERFORMANCE



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Now, we do not benchmark ourselves against market indices, as more than half of our portfolio is unlisted.

However, it is useful, as a reference, to see how public markets have performed in our key geographies.

Now breaking down the returns over the last 20 years.

In the first decade, we benefitted from our exposure in China, as you can see from the yellow bar.

In the following decade, we doubled our exposure to the US and Europe, but in recent years, returns were impacted by China's market performance. As a reference, in the last three years, MSCI China declined by **46%**.

Overall, our 20-year returns have outperformed STI and MSCI China.

## Steady Pace of Investment Over the Decade

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Over the past decade,  
we had a net investment of **\$57 billion**.

During this financial year,  
we invested **\$26 billion** and divested **\$33 billion**.  
This resulted in a net divestment of **\$7 billion**.

Our investment stance was driven by expectations  
of a US recession until the Fed pivoted its tight monetary policy  
in the last quarter of 2023.

We also saw a slower-than-expected pace of post-COVID recovery in China.

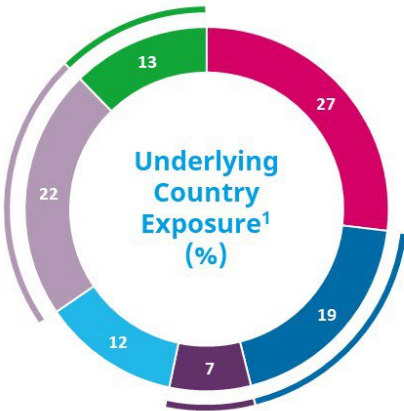
Overall, it was an active investment year for us.  
Our key investments included Manipal Health Enterprises,  
Element Materials and Authentic Brands Group.

On the divestment side, about **\$10 billion** out of the **\$33 billion**  
was actually due to repayment of bonds by Singapore Airlines,  
as well as the redemption of preference shares by Pavilion Energy.

# Portfolio by Underlying Assets

64% in Developed Economies

PERFORMANCE



Year	2024	2023	2014	2004
Singapore	27	28	31	52
China	19	22	25	5
India	7	6	5	1
Asia Pacific (ex Singapore, China & India)	12	11	21	28
Americas	22	21	10	7
Europe, Middle East & Africa	13	12	8	7

(as at 31 March)

<sup>1</sup> Distribution based on underlying assets.

On this page, we show our portfolio based on underlying exposure.

We have been actively reshaping our portfolio as we seek to deliver long-term sustainable returns.

Two decades ago, we started growing our exposure in Asia, mainly in China.

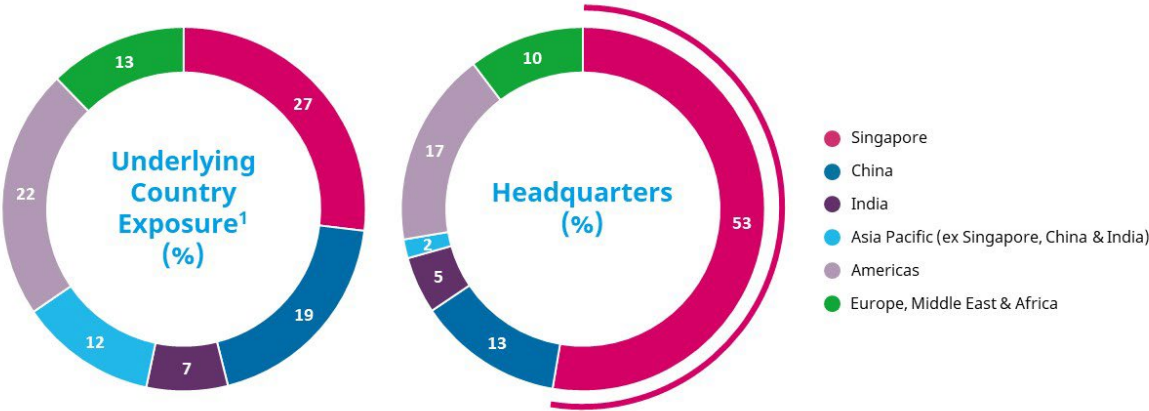
Over the past decade, we doubled our exposure to developed economies such as the US and Europe.

We have also been stepping up our investments in India as we see more opportunities in consumer, healthcare and financial services sectors.

This has contributed to the resilience of our longer-term returns.

# Portfolio by Headquarters

Over Half of Portfolio Headquartered in Singapore

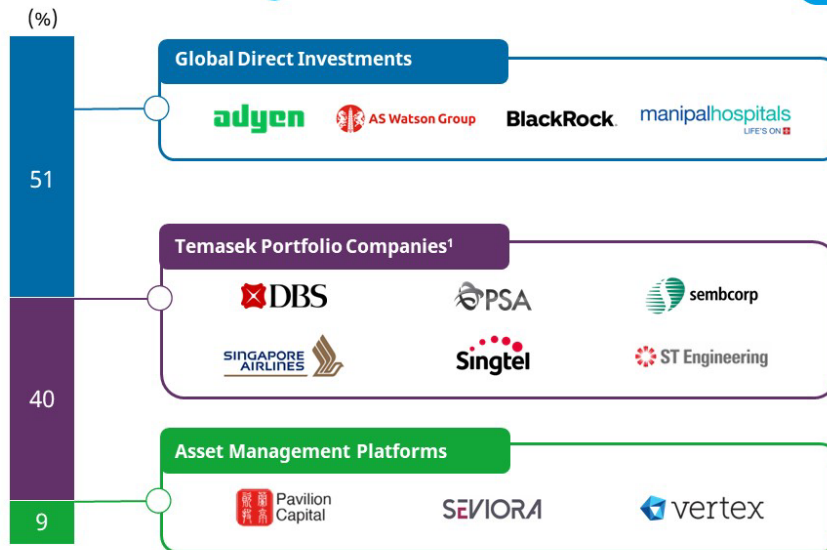


¹ Distribution based on underlying assets.

While our portfolio diversified based on underlying exposure, it is useful to note that over half of our portfolio companies are headquartered in Singapore, as you can see in the chart on the right.

## Resilient & Forward-Looking Portfolio

PERFORMANCE



<sup>1</sup> Includes only key portfolio companies headquartered in Singapore.  
(Portfolio composition as at 31 March 2024)

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Now, there are three components in the resilient and forward-looking portfolio which we are building over the long term.

First, we have our Global Direct Investments, which comprise **51%** of our portfolio.

Here, we focus on both public and private investments, aligned to our four structural trends.

Second, we have our Singapore-based Temasek Portfolio Companies, or TPCs, which make up **40%**.

Our TPCs are stalwarts of our portfolio and have historically provided stable returns across market cycles.

Lastly, we have our Asset Management companies, which make up the rest of the portfolio at **9%**. Here, we partner with third parties to scale capital across different investment strategies.



As an active shareholder,  
we engage with our portfolio companies  
on their growth strategies and plans to create shareholder value.

In our engagement,  
we are focused on key areas, including:

One, are there ways to increase  
sustainability and resilience of the business?

Two, do they have the balance sheet strength  
to withstand shocks and also  
execute on their longer-term plans?

And, three, are they positioned for growth  
and performance over the long term?

Now, this applies to both our Direct Investment companies  
as well as our TPCs.

But what to do, and how to do it,  
that is really up to the companies themselves.  
We do not direct our portfolio companies  
on their strategies or day-to-day operations.

We hold the Boards and the Management teams accountable for their operating performance.

As a shareholder,  
we may support our portfolio companies  
through our shareholder vote,  
to help them pivot or advance their strategic plans.

## Aligning Our Portfolio to Structural Trends Since 2016

PERFORMANCE



Digitisation



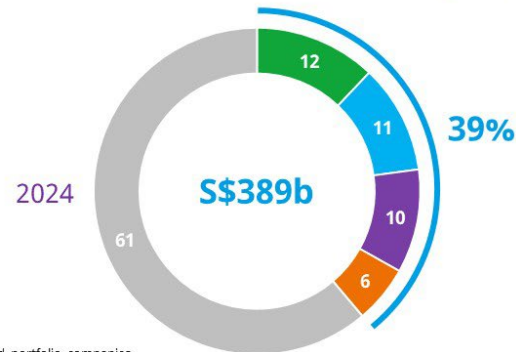
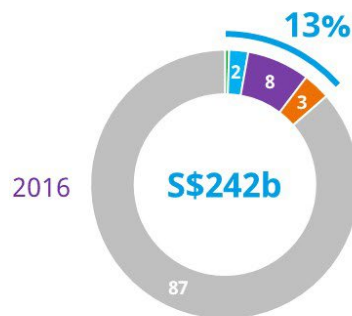
Sustainable Living



Future of Consumption



Longer Lifespans



The increase in our Sustainable Living exposure is mainly due to a reclassification of selected portfolio companies as at 31 March 2024, to better reflect their alignment with the trend.  
(as at 31 March)

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Now let me share with you  
how we have been investing into our four structural trends.  
This helps us construct  
a more resilient and forward-looking portfolio.

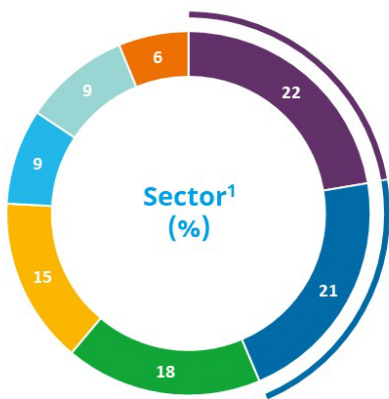
Digitisation and Sustainable Living  
have pervasive impact across  
all sectors and business models.

Future of Consumption and Longer Lifespans  
reflect shifts in consumption patterns  
and addresses the needs  
of a growing and ageing population.

Today, these investments make up **39%** of our portfolio,  
compared to **13%** in 2016.

# Composition of Our Portfolio by Sectors

PERFORMANCE



Year	2024	2023	2014
Transportation & Industrials <sup>2</sup>	22	23	26
Financial Services	21	21	30
Telecommunications, Media & Technology	18	17	23
Consumer & Real Estate	15	16	12
Life Sciences & Agri-Food	9	9	2
Multi-Sector Funds	9	8	5
Others (including Credit)	6	6	2

(as at 31 March)

<sup>1</sup> Distribution based on underlying assets.

<sup>2</sup> The Transportation & Industrials sector includes investments in Energy & Resources.

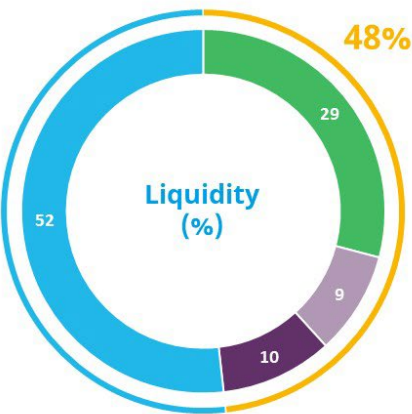
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Now moving on to portfolio composition by sectors.

Over the past year,  
we made significant investments in  
the consumer, financial services, healthcare, and technology sectors.

Transportation & Industrials and Financial Services remain our two largest sectors.

# Portfolio Remains Liquid



Year	2024	2023	2014
Liquid & sub-20% listed assets <sup>1</sup>	29	27	36
Listed large blocs (≥ 20% and < 50% share)	9	9	14
Listed large blocs (≥ 50% share)	10	11	20
Unlisted assets	52	53	30

(as at 31 March)

<sup>1</sup> Mainly cash and cash equivalents, and sub-20% listed assets.

On this page, we show the liquidity profile of our portfolio.

Our portfolio remains liquid.

**48%** of our portfolio is invested in liquid and/or listed assets, while **52%** is in unlisted assets.

Both our listed and unlisted assets offer us liquidity through divestments, dividends, and distributions.

We also achieve liquidity from our unlisted portfolio through public listings.

For example, some of our portfolio companies, such as DoorDash, Intapp, Gracell Biotechnologies and Zomato, have listed over the past five years.

WITH **TOMORROW**  
IN MIND

## Global Outlook

I will next take you through  
our outlook for the year ahead,  
including sharing more  
about our investment stance.

## Looking Ahead: **Global**

### OUTLOOK

- Global economy has been more robust than expected
- Recession risks in key developed markets have largely subsided
- Inflation remains sticky in many markets, but coming down from elevated levels
- Geopolitical tensions remain a concern



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The global economy has been more robust than expected.

Recession risks in key developed markets have mostly subsided.

While inflation remains sticky in many markets, we are seeing inflation coming down from elevated levels.

This could give central banks more confidence to ease monetary policy. Some are already beginning the process.

Despite the better growth outlook, there are still risks.

Geopolitical tensions remain a key concern, for example, US-China relations and conflicts in Ukraine and Gaza.

The elections in the US and other countries could also add more complexity.

## Looking Ahead: USA

### OUTLOOK

- Broadly easing inflationary pressures
- The Fed might leave policy rates higher for longer
- Uncertain that inflation can reach 2%
- Resilient labour market and continued growth



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Now diving deeper into each market, starting with the US.

In the US, inflationary pressures have eased, due to expansionary supply factors, especially higher immigration flows.

However, it is possible that the Fed might leave policy rates higher for longer, due to an unclear inflation path, a resilient labour market and continued growth.

## Looking Ahead: **Europe**

OUTLOOK

- Economy on track to recovery
- Slowing inflation and pickup in real wage growth allow ECB to normalise monetary policy
- Opportunities in energy transition
- Less supportive fiscal impulse
- Watchful of tail risks from political shifts



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Next, on to Europe.

The Eurozone is recovering.

Slowing inflation, credit growth and a pickup in real wages have allowed the European Central Bank to normalise policy.

In the long term, energy transition presents opportunities for infrastructure development across Europe.

That said, we are watchful of two main risks:

1. Less supportive fiscal impulse, and
2. Tail risks from political shifts in the region.

## Looking Ahead: **China**

OUTLOOK

- Pro-growth policy stance has aided recovery, but structural challenges remain
- Downward pressure on growth and inflation unless domestic demand picks up
- Continued geopolitical risks, which could impact export demand



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Moving on to China.

China is maintaining a pro-growth policy stance. This has aided China in recovering from a cyclical bottom, but structural challenges remain.

Global MNCs have accelerated diversification of supply chains. This could lower productivity gains.

Yet, China's supply capacity remains highly efficient and competitive.

However, without a commensurate pickup in domestic demand, growth and inflation will continue to face downward pressure.

Geopolitical tensions and threats of additional tariffs could also impact export demand for Chinese goods.

## Looking Ahead: **India**

OUTLOOK

- Strong economic growth trajectory alongside improving macro stability
- Key drivers of growth include infrastructure-led capex, private consumption and supply chain diversification
- Emerged as a key geopolitical player
- Long-term potential in financial services, consumer and healthcare



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Looking ahead at India.

India has continued to see strong economic momentum alongside improving macro and political stability.

India's growth will be driven by infrastructure-led capex and private consumption. They also benefit from supply chain diversification.

We also see India emerging as a key geopolitical player.

We see long-term potential in financial services, consumer, as well as healthcare sectors.

## Looking Ahead: **Southeast Asia**

OUTLOOK

- Near-term outlook: resilient domestic demand, upturn in the global manufacturing cycle, and tourism recovery
- Constructive on medium-term: structural reforms, supply chain diversification
- One of the fastest growing regions in the next decade



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Lastly, on Southeast Asia.

Our near-term outlook for Southeast Asia remains positive.

There is a resilient domestic demand,  
an upturn in the global manufacturing cycle and recovery in tourism.

Over the medium-term, we remain constructive on the region.

We see continued structural reforms in a number of markets.  
This has helped to reduce supply-side constraints,  
create more open and competitive markets,  
as well as improve productivity.

The region is well-positioned against a backdrop  
of rising US-China tensions and also supply chain diversification.

Over the next decade, we expect Southeast Asia  
to be one of the fastest-growing regions globally.

## Investment Stance

OUTLOOK



### US will continue to be the largest destination of our capital

AI enablers and adopters  
and businesses benefitting from  
US industrial policy



### Select opportunities in Europe

E.g., green transition, global companies



### Increased focus on India

Large and growing domestic market  
and beneficiary of supply chain  
diversification



### Scaling up exposure to SEA and Japan



### Cautious approach to China; continue to monitor government policies in 2024



### Near-term opportunities in private credit and solutions for private equity firms seeking liquidity

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Now, let me share more with you  
about our investment stance moving forward.

The US continues to be the largest destination of our capital.

We will focus on AI enablers and adopters,  
as well as businesses benefitting from US industrial policy.

We also see opportunities in Europe,  
especially in green transition and leading global companies.

We will increase our focus on India,  
as it has a large and growing domestic market,  
in addition to being a beneficiary of supply chain diversification.  
India has also seen the growth of innovative domestic businesses.

In the rest of Asia, we are looking to increase our exposure  
to Southeast Asia and Japan.

On China, we maintain a cautious approach  
and we will continue to monitor government policies this year.

In the near-term, we see opportunities in private credit  
and providing solutions in private equity firms seeking liquidity.

With that, I will now pass it to Alpin to go over our next sections.

Thank you.

WITH **TOMORROW**  
IN MIND

## Sustainability



### **Alpin Mehta:**

Thank you, Connie.

My name is Alpin and I will be taking you through our sustainability and community segments.

Our focus on sustainability extends from our portfolio, to planet, to people.

## Our Decarbonisation Journey

SUSTAINABILITY

### Total Portfolio Emissions<sup>1</sup>

27 to 21 million tCO<sub>2</sub>e<sup>2</sup>



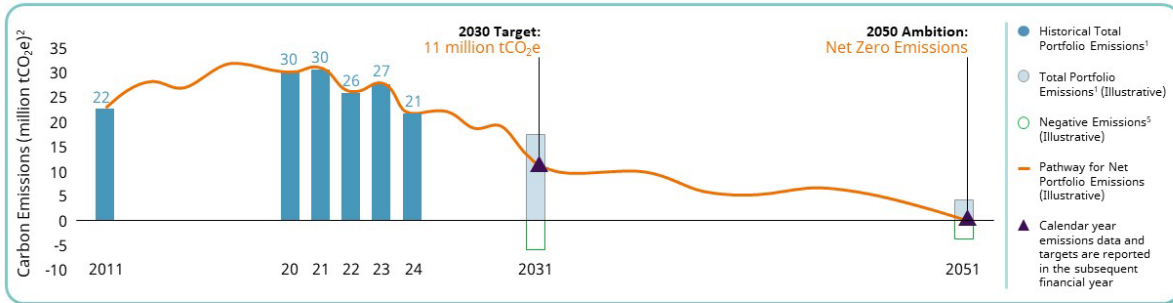
### Portfolio Weighted Average Carbon Intensity<sup>3</sup>

116 to 92 tCO<sub>2</sub>e/\$M revenue



### Internal Carbon Price

US\$50 to US\$65<sup>4</sup> per tCO<sub>2</sub>e



<sup>1</sup> Total Portfolio Emissions reflect the absolute emissions (Scope 1 and Scope 2) associated with our investment portfolio, expressed in tCO<sub>2</sub>e.

Our investment positions in private equity funds, credit, and other assets are excluded.

<sup>2</sup> tCO<sub>2</sub>e refers to tonnes of carbon dioxide equivalent, a standard unit of measurement used in greenhouse gas emissions accounting and reporting.

<sup>3</sup> Portfolio Weighted Average Carbon Intensity reflects our portfolio's exposure to carbon-intensive companies by revenue, expressed in tCO<sub>2</sub>e/\$M revenue. Emissions are allocated based on portfolio weights (market value of the investment relative to the market value of the portfolio).

<sup>4</sup> As at 1 April 2024.

<sup>5</sup> Negative emissions acquired through investments and high-quality carbon offsets.

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Our commitment to sustainability is key to building a thriving and a resilient portfolio.

So, what progress have we made over the year?

Firstly, Total Portfolio Emissions have decreased to **21** million tonnes of carbon dioxide equivalent.

The path towards net zero will not be a linear one, but we remain committed to reducing half of our 2010 net emissions by 2030, and eventually, we aim for net zero emissions by 2050.

Secondly, Portfolio Weighted Average Carbon Intensity has also decreased to **92** tonnes per million dollars of revenue.

And lastly, we have increased our internal carbon price to US\$**65** since 1 April 2024.

We expect to progressively increase this to US\$**100** by 2030.

## Our Decarbonisation Strategy

SUSTAINABILITY



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Our efforts are underpinned by our three pathways.

Number one, to invest for a low-carbon economy.

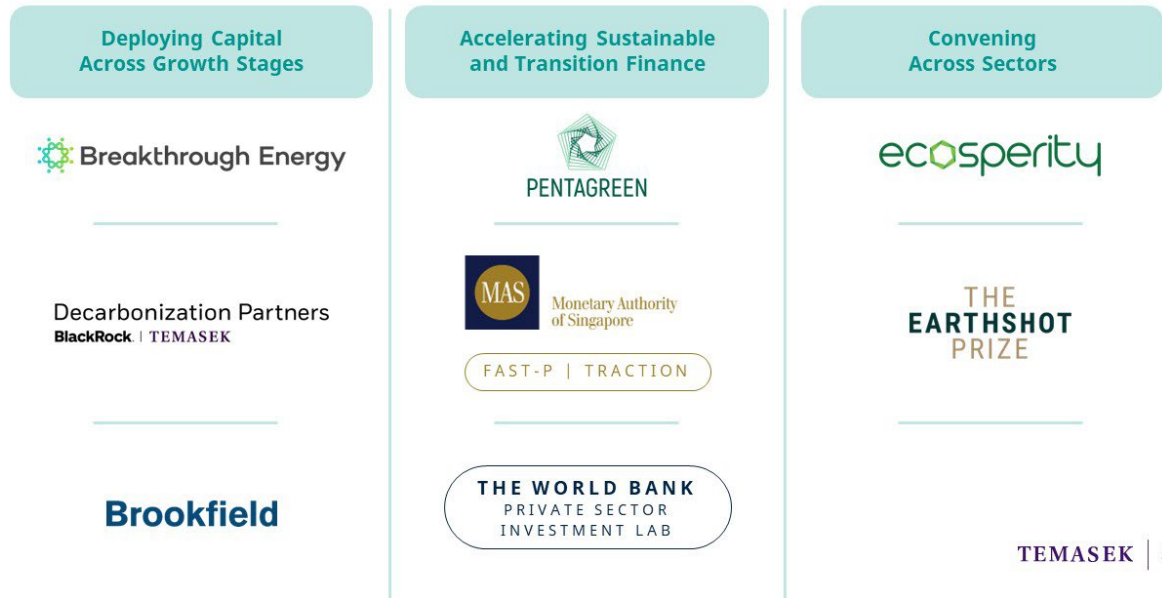
Some examples here include Electric Hydrogen, an electrolyser company, and Ola Electric, an electric two-wheeler manufacturer.

Number two, we encourage decarbonisation efforts in our portfolio companies. Singapore Airlines, PSA and SembCorp are such examples.

And number three, we enable carbon markets solutions. We do this through our platforms GenZero and CIX.

## Driving Partnerships for Change

SUSTAINABILITY



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In order to achieve our sustainability goals, partnerships are essential.

We build strategic partnerships to build capabilities and deploy capital across growth stages.

We formed a partnership with Breakthrough Energy and Enterprise Singapore to set up a fellowship programme to enhance capabilities and scale climate tech solutions in Southeast Asia.

We partnered BlackRock to form Decarbonization Partners.

In April this year, it announced the close of its US\$1.4 billion funding round.

And more recently, we partnered Brookfield to invest in Neoen, a French global renewable energy company.

We also form partnerships to address climate financing gaps. Pentagreen Capital, our joint venture with HSBC, provides financing for sustainable infrastructure projects in Asia.

If you are looking for more details,  
you may refer to our inaugural *Sustainability Report*,  
which we launched today.  
It brings together our sustainability disclosures  
and tracks the progress we have made.

WITH **TOMORROW**  
IN MIND

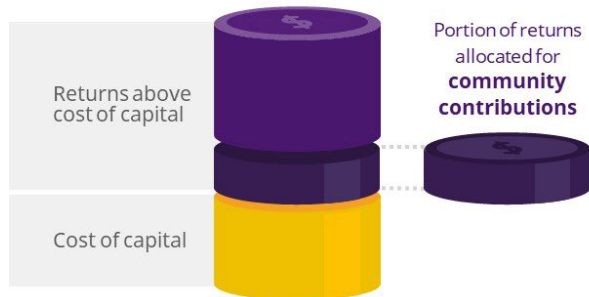
## Community



Next, I will be presenting our community efforts  
and how we contribute to uplifting our communities.

## Our Philanthropic Journey

Since 2003, we have been setting aside a portion of our investment returns for community contributions



Connecting People



Uplifting Communities



Protecting Planet



Advancing Capabilities

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Since 2003, we have been setting aside a portion of our returns above the cost of capital for community gifts.

Our not-for-profit gifts are approved by the Temasek board and then donated to partners to achieve our four community objectives.

They are:  
Connecting People,  
Uplifting Communities,  
Protecting Planet  
and Advancing Capabilities.

Benefitting  
3.7 Million People

COMMUNITY



TEMASEK  
FOUNDATION

TEMASEK  
LIFESCIENCES  
LABORATORY

STEWARDSHIP  
ASIA

Mandai  
NATURE

CIP  
Centre for Impact  
Investing and Practices

PA  
Philanthropy  
Asia Alliance  
by Temasek Trust

TEMASEK SHOPHOUSE

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Temasek Trust manages the funds  
and disburses the gifts via grants and endowments  
to the non-profit ecosystem in Singapore and beyond.

To date, our gifts to Temasek Trust  
have benefitted about **3.7** million people.

## T50 Gift to the Community



To mark our **50th** anniversary this year, we announced a **\$150** million T-Spring gift to the community.

This gift will be used to advance capabilities and better prepare Singapore's workforce and organisations.

It supports skills development, scholarships, and fellowships.

This is our tribute to Singapore's past, present, and future generations.



This leads us back to our purpose, "*So Every Generation Prospers*".

Our purpose guides us in everything we do.

Beyond just being an investment firm,  
we are aware of how our actions today  
will impact future generations to come.

And with this, I conclude my presentation.

WITH **TOMORROW**  
IN MIND

**Connect  
with us**



So now let us take a look at how we are making a difference in our communities.

Thank you.