



5 March 2024

## **Infratil Investor Day 2024**

Infratil has this morning released the presentation material for its annual Investor Day. Presentations will be recorded during the day and will be available to view on <https://infratil.com/for-investors/reports-results-meetings-investor-days/> after the event.

Infratil's objective is to keep its stakeholders well informed about how its businesses are performing and how their delivery of strategic objectives is progressing.

Management will provide an update on Infratil's portfolio strategy, as well as providing views on the near-term outlook. There will also be a number of presentations from senior executives at Infratil's portfolio businesses, including CDC, Gurīn Energy, Longroad Energy, One NZ and Wellington Airport.

Infratil's FY2024 Proportionate EBITDAF guidance range of \$820 million to \$850 million is unchanged.

### **Enquiries should be directed to:**

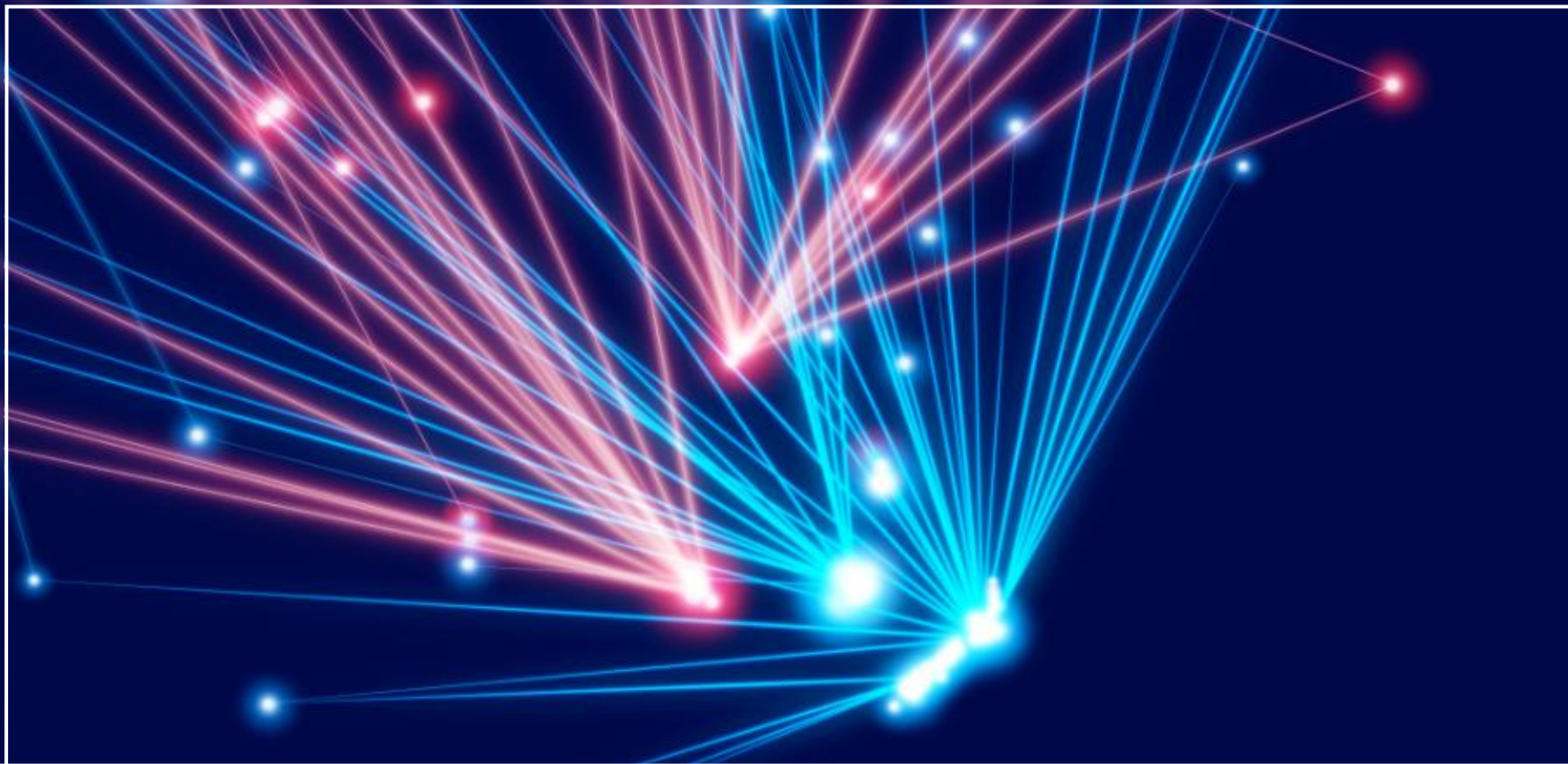
Mark Flesher  
Investor Relations  
Email: [mark.flesher@infratil.com](mailto:mark.flesher@infratil.com)

### **Attachments:**

1. Portfolio Update
2. Morrison Update
3. Renewable Energy Update
4. Longroad Energy Update
5. Gurīn Energy Update
6. Wellington Airport Update
7. Digital Update
8. One NZ Update
9. CDC Update



Infratil



Managed by **MORRISON.**

**Infratil Investor Day**  
March 2024

# Disclaimer

This presentation has been prepared by Infratil Limited (NZ company number 597366, NZX:IFT; ASX:IFT) (the 'Company')

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## Information

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This presentation should be read in conjunction with the Company's Annual Report Report for the year ended 31 March 2023, Interim Report for the period ended 30 September 2023, market releases and other periodic and continuous disclosure announcements, which are available at [www.nzx.com](http://www.nzx.com), [www.asx.com.au](http://www.asx.com.au) or [infratil.com/for-investors/](http://infratil.com/for-investors/).

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Proportionate EBITDAF represents Infratil's share of the consolidated net earnings before interest, tax, depreciation, amortisation, financial derivative movements, revaluations, gains or losses on the sales of investments, and excludes acquisition and sale related transaction costs and International Portfolio Incentive Fees. Further information on how Infratil calculates Proportionate EBITDAF can be found at Appendix Four.

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# Welcome

## Infratil 2024 Investor Day, Sydney

5 March 2024



**Alison Gerry**

- Independent Director since July 2014 and Infratil Chair since May 2022
- Member of the Audit and Risk Committee, Manager Engagement Committee and Nomination and Remuneration Committee
- Director of Air New Zealand, ANZ Bank New Zealand and Chair of Sharesies



**Jason Boyes**

- Infratil Chief Executive Officer and Director since April 2021
- Joined Morrison in 2011 after a 15-year legal career in corporate finance and M&A in New Zealand and London
- Chair of Longroad Energy, Director of CDC



**Andrew Carroll**

- Infratil Chief Financial Officer since November 2023
- Most recently GM of Customer & Network Operations at Chorus
- 30+ years of experience across financial, commercial and operational roles



# Agenda

## Infratil 2024 Investor Day, Sydney

5 March 2024

|                   |   |
|-------------------|---|
| 9:00am – 9.10am   | <b>Welcome &amp; Overview</b><br>Alison Gerry, Chair  |
| 9:10am – 9:40am   | <b>Portfolio Update &amp; Growth Outlook</b><br>Jason Boyes, Infratil Chief Executive<br>Andrew Carroll, Infratil Chief Financial Officer |
| 9:40am – 10.00am  | <b>Morrison Update</b><br>Paul Newfield, Morrison Chief Executive<br>Will Smales, Morrison Chief Investment Officer                       |
| 10:00am – 10.20am | <b>Renewable Energy Update</b><br>Vimal Vallabh, Morrison Global Head of Energy   |
| 10.20am – 10.45am | <b>Morning Break</b>  |
| 10:45am – 11.15am | <b>Longroad Energy</b><br>Paul Gaynor, Longroad Energy Chief Executive  |
| 11.15am – 11.45am | <b>Gurin Energy</b><br>Assaad Razzouk, Gurin Energy Chief Executive   |
| 11.45am – 12.15pm | <b>Wellington Airport</b><br>Matt Clarke, Wellington Airport Chief Executive  |
| 12.15pm – 1.10pm  | <b>Lunch Break</b>  |

# Agenda

## Infratil 2024 Investor Day, Sydney

5 March 2024

1:10pm – 1:30pm

### **Digital & Connectivity Update**

Will Smales, Morrison Chief Investment Officer & Global Head of Digital  
Lewis Bailey, Executive Director, Strategy

1:30pm – 2:20pm

### **One NZ**

Jason Paris, One NZ Chief Executive

2:20pm – 3:20pm

### **CDC**

Greg Boorer, CDC Chief Executive

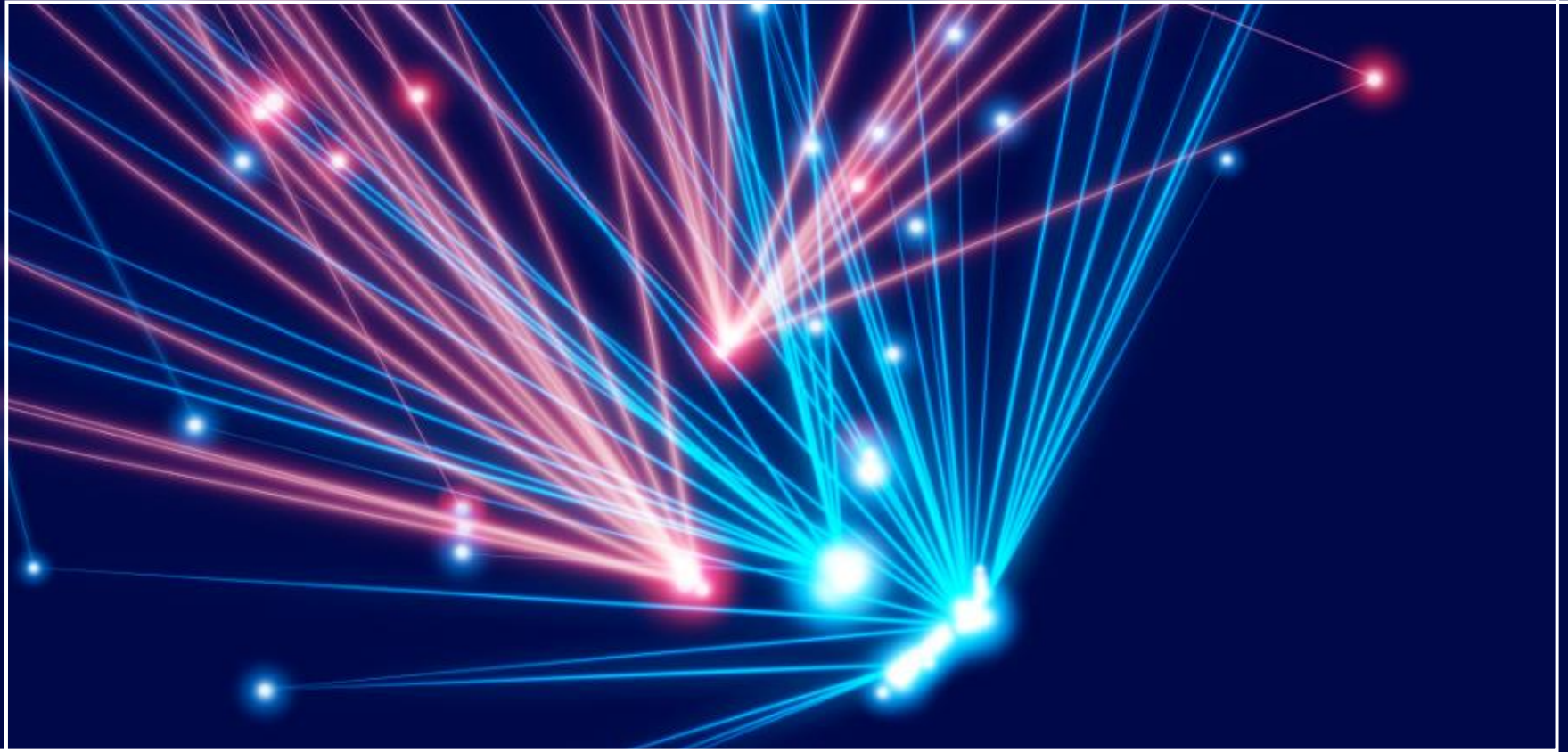
3:20pm – 3:30pm

### **Wrap Up**

Jason Boyes, Infratil Chief Executive



# Portfolio Update



Managed by **MORRISON.**

**Jason Boyes**

Infratil Chief Executive

**Andrew Carroll**

Infratil Chief Financial Officer

# Infratil Investor Day



Infratil is a  
New Zealand  
established global  
infrastructure  
investor

- Infratil invests in infrastructure, with a portfolio of investments across digital infrastructure, renewable energy, healthcare and airports, and exposure across New Zealand, Australia and 15 other countries
- The portfolio is weighted to high-growth digital infrastructure (64%, \$8.0 billion) and renewable energy (20%, \$2.4 billion), with key assets including:



- 48% owned
- \$4.3 billion independent valuation
- Leading ANZ data centre provider
- Total forecast capacity of 1,220MW



- 99% owned
- \$2.6 billion book value
- Integrated NZ telecommunications company
- 3 million+ connections, 98% population coverage



- 37% owned
- \$1.6 billion independent valuation
- US renewable energy developer
- 3.5 GW built and owned
- 29 GW pipeline



# Infratil Investor Day

Growth  
investments  
complemented by  
core cash  
generating  
businesses

- One NZ is complemented by two other core cash generating businesses, Wellington Airport and Manawa Energy
- They support target credit and liquidity metrics and reinvestment into higher returning growth capex options generated by these, and other investments



- 66% owned
- \$650 million book value
- Gateway to New Zealand's capital city and central region
- 5.4 million Annual Passengers



- 51% owned
- \$690 million listed value
- Listed NZ renewable energy generator
- Average generation of 1,942GWh p.a.
- 955MW pipeline

# Infratil Investor Day

Portfolio of smaller and earlier stage investments to build scaled future growth and cash generating platforms.  
Represents 19% of the portfolio

 **KAO DATA**  
Owned 53%

- UK-based colocation data centre development platform with 3 sites and 20MW of operating capacity. High performance computing, AI, enterprise and hyperscale focussed. 60MW current capacity, with visibility to 150MW+



 **Fortysouth**  
20%

- One of New Zealand's leading independent digital infrastructure partners with over 1,400 tower sites in its portfolio, covering 98% of New Zealand
- 20-year master services agreement with One NZ

 **CLEARVISION**  
VENTURES

- North American based venture capital fund
- Focused on investing in early-stage companies exploring IoT, Big Data, Security Technology, and disruptions in energy and infrastructure sustainability

 **gurin ENERGY**  
95%

- Pan-Asian renewables platform headquartered in Singapore and formed in July 2021
- 6.6GW development pipeline, 75MW of operating assets under construction



 **GALILEO**  
40%

- European renewables platform focussed on greenfield development, acquisitions and strategic co-development opportunities across multiple markets
- 10.7GW development pipeline

 **Mint**  
73%

- Established in 2022 to invest in the development of wind, solar and storage solutions across Australia

 **RHCNZ**  
50%

- The largest diagnostic imaging service provider in New Zealand with a national footprint of 74 clinics
- RHCNZ Group consists of Auckland Radiology, Bay Radiology, and Pacific Radiology



 **Qscan**  
55%

- Provider of a full range of diagnostic medical imaging services including PET & CT
- Operates over 77 clinics across Australia (NSW, QLD, SA, TAS, WA and ACT)



**retire**  
australia  
50%

- Largest privately-held pure-play retirement operator in Australia
- Over 4,000 independent living units and apartments across 27 villages in NSW, South Australia and Queensland

# Portfolio Composition

Our portfolio is centred on investment into four central “ideas that matter”



**Digital**  
64%



one.nz



**Renewables**  
20%



**Healthcare**  
11%



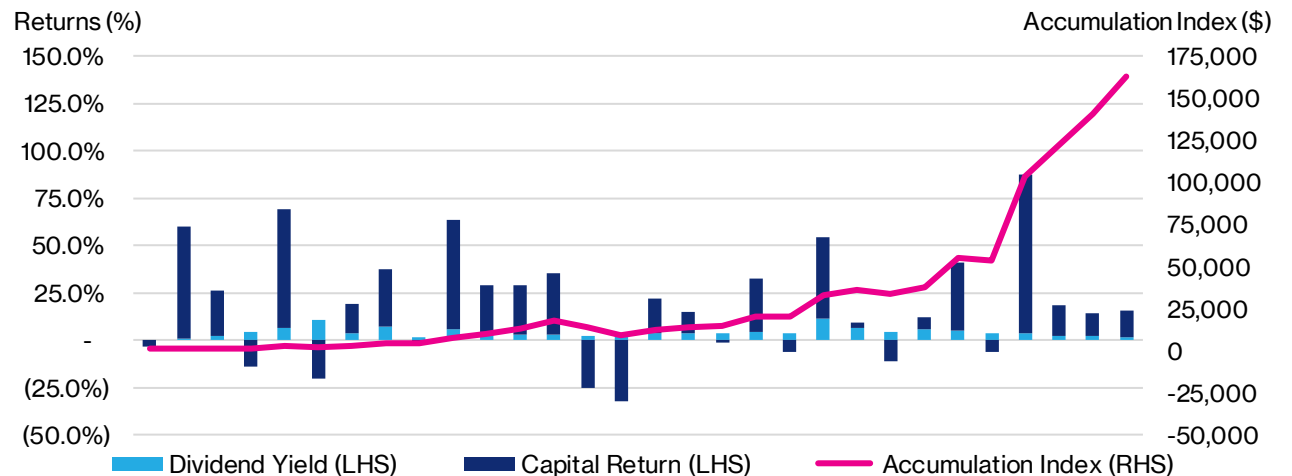
**Airports**  
5%



# Track Record

Infratil targets total shareholder returns of 11 – 15% p.a. over a ten-year rolling period, our track record has been significantly higher

| Period       | Total Shareholder Return <sup>1</sup> |
|--------------|---------------------------------------|
| 5-years      | 26.2%                                 |
| 10-years     | 21.4%                                 |
| 30-years     | 18.7%                                 |
| Year to date | 15.9%                                 |



The Accumulation index assumes that all dividends were reinvested when received, and the shareholder neither took out, nor invested any additional cash.

<sup>1</sup> Year to date Portfolio returns are as at the period ended 29 February 2024, the 5-year, 10-year, and 30-year returns are to the period ended 31 December 2023



# Investment Approach

Active portfolio and asset management generates long-term value


















|                      | Target Returns | Digital  | Renewables | Healthcare | Other | Target portfolio returns of 11 – 15% p.a. over a 10-year period |
|----------------------|----------------|--|------------|------------|-------|---|
|                      |                |  |            |            |       |   |
| Core                 | 8-10%          | Stable cash generation and moderate growth   |            |            |       |   |
|                      |                |  |            |            |       |   |
|                      |                |  |            |            |       |   |
| Core Plus            | 10-15%         | Reinvestment into growth capex and higher returns  |            |            |       |   |
|                      |                |  |            |            |       |   |
|                      |                |  |            |            |       |   |
| Development & Growth | 15-25%         | Smaller, earlier stage investments, to build “Core Plus” growth businesses of the future |            |            |       |   |
|                      |                |  |            |            |       |   |
|                      |                |  |            |            |       |   |

# Investment Approach

Growth platforms manufacture core assets to support further reinvestment



|                                 | Target Returns | Digital  | Renewables  | Healthcare  | Other   |
|---------------------------------|----------------|--|---|---|---|
|                                 |                | 64%  | 20%   | 11%   | 5%  |
| <b>Core</b>                     | 8-10%          |   |   |   |  |
| <b>Core Plus</b>                | 10-15%         | <br>   |   | <br><br> |   |
| <b>Development &amp; Growth</b> | 15-25%         | <br><br> | <br><br> |   |   |

# Investment Approach

## What we said last year, and what we did

### 2023 Infratil Investor Day Outlook

- Evaluate further attractive data centre and connectivity opportunities offshore
- Well-positioned for capital deployment with \$600 million of cash and significant undrawn bank facilities
- Existing businesses well placed to benefit from sector growth trends like AI, AR/VR, edge computing
- Galileo set to demonstrate its potential this year, as it looks to sell its first set of projects
- Release our inaugural sustainability report
- Well placed to address growth “beyond” onshore wind and solar e.g. hydrogen, offshore wind and storage
- Continue to progress teleradiology, and evaluate adjacent healthcare

### 2024 Infratil Investor Day Update

- ✓ Announced a conditional agreement with HKT to establish a strategic partnership to accelerate the growth of Console Connect, a global, next generation data connectivity provider and Tier 1 global subsea cable and IP network
- ✓ Increased our stake in Kao Data from 40% to 53%
- ✓ Took full control of One NZ with a \$1.8 billion investment for an additional 49.95%
- ✓ Record year for CDC signing 200MW of contracted capacity, including reservations, with 110MW phased for delivery over the next 3 years
- ✓ Galileo successfully sold its first sets of pre-construction projects in Ireland and Italy, totalling 0.94 GW, and its interest in German C&I solar developer Enviria, at attractive returns
- ✓ First sustainability report released in August 2023 and Climate Related Disclosures in December
- ✓ Galileo entered into joint-ventures with global partners to develop offshore wind, with further work across the platform ongoing
- Work ongoing

# A Sustainable Approach

Key elements of sustainability have been established following market recognised frameworks and standards

- We released our inaugural sustainability report in August covering:
  - Infratil's refreshed sustainability strategy and ESG material issues – good governance of ESG issues is a prominent area of focus
  - Emissions reporting in line with the GHG Protocol and Partnership for Carbon Accounting Financials
- We became the first financial institution in New Zealand to have our emissions reduction targets validated by the Science Based Targets initiative ('SBTi') under the framework for financial institutions, committing to:
  - Maintain zero absolute scope 1 and 2 GHG emissions through to FY2030;
  - Reduce emissions from Board travel 25% from 2023 levels by 2030; and
  - 60% of our portfolio by fair value<sup>1</sup> setting SBTi targets by 2028, and 100% by 2030
- We released our inaugural climate-related disclosures for FY2023, which addressed most of the reporting requirements of the Aotearoa New Zealand Climate Standards



1. Fair value as determined by independent valuations, listed market value, or book value

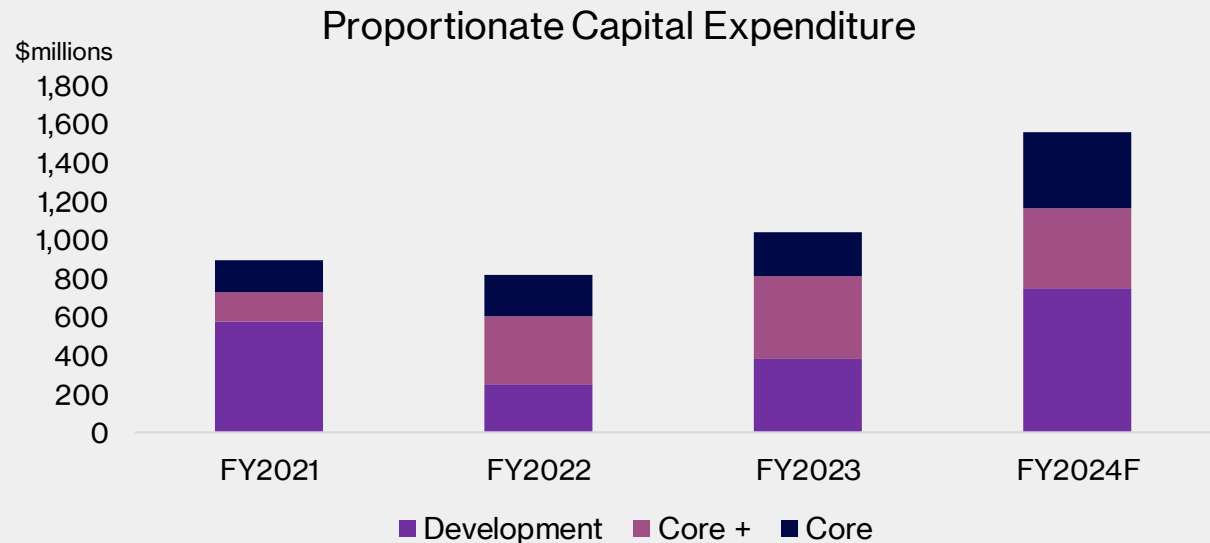


# CFO Early Reflections

Significant growth potential and value upside. Portfolio performing well and guidance unchanged

## Growth Potential

- There are significant expansion opportunities within existing portfolio companies - "growth" infrastructure
- Heavy bias in portfolio capex investment towards growth returns, reflecting return aspirations



# CFO Early Reflections

Independent valuations don't always fully value embedded growth. Increased disclosure may help

## Role of Independent Valuations

- Independent valuations seem to have created a "glass ceiling" and a material gap to Infratil's own valuations
- A large part of the value gap relates to the valuation of growth, of which our largest investments are anticipated to grow materially faster than peers



one.nz

FY2023 – FY2024  
EBITDA CAGR

**14%**



FY2023 – FY2024  
EBITDA CAGR

**23%**



FY2023 – FY2024  
EBITDA CAGR

**36%**

## Approach to Disclosure

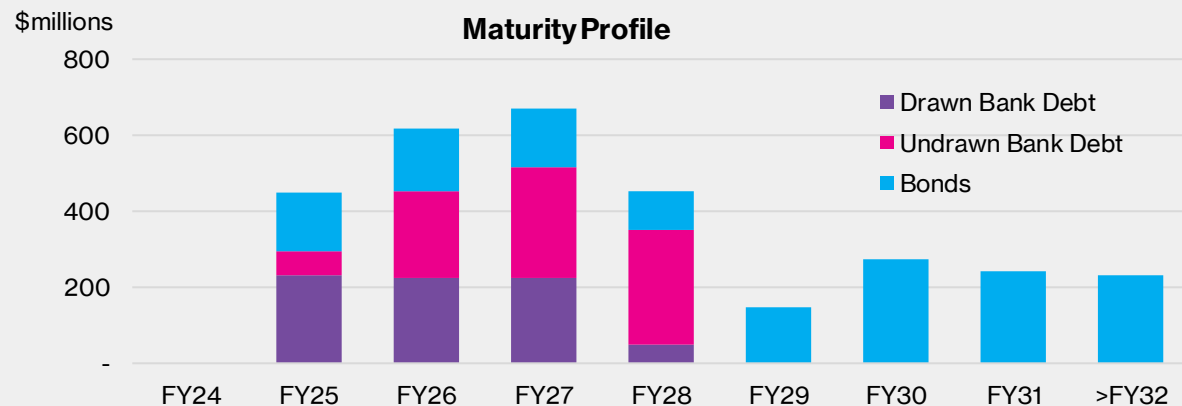
- We have listened to market feedback and are enhancing disclosure to help close that value gap

# CFO Early Reflections

Portfolio and capital management is a key part of creating lasting value for shareholders

## We have many tools to manage future capital demands

- Portfolio company performance to drive operating cashflow
- Control positions provide ability to influence size and timing of cash flows
- Future cash flow from today's growth investment
- Track record of successfully accessing debt and equity capital for strong investment cases
- Significant undrawn bank facilities available



# Key Messages

Portfolio remains well-positioned in high quality platforms, in growing sectors, with attractive returns

## **Solid operating performance & outlook, supporting credit & liquidity metrics**

- Guidance unchanged
- Wellington Airport emerging strongly from COVID and repricing
- Healthcare businesses tracking ahead of peers

## **Growth tail winds continue, at mid-teens+ returns**

- CDC record contracting year and accelerating growth plans
- Longroad tracking to its own growth plans

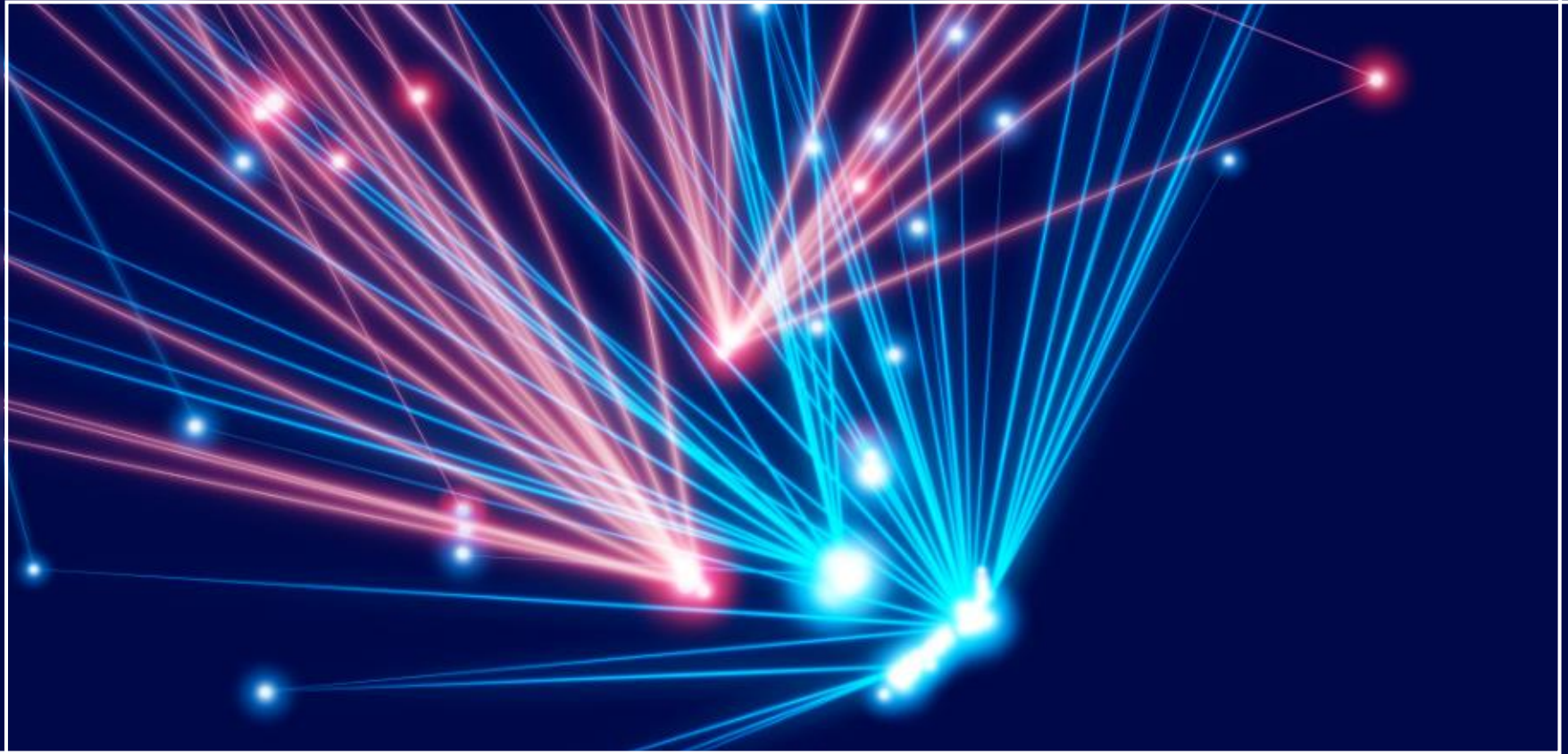
## **Newer platforms maturing**

- Gurin Energy accelerating beyond business case, and Galileo good progress
- Kao Data good progress, and looking ahead to closing Console Connect this year fuelled by the same strong digital infrastructure tailwinds

## **Capital allocation is a focus and remains disciplined**

- Potential for investment strong but manageable





# Debt Capacity & Facilities

Significant undrawn bank facilities remain available following funding initiatives executed during the period

| (\$millions)                         | 31 December 2023 | 30 September 2023 | 31 March 2023  |
|--------------------------------------|------------------|-------------------|----------------|
| Net bank debt                        | 734.2            | 609.8             | (593.2)        |
| Infrastructure bonds                 | 1,241.0          | 1,241.0           | 1,085.9        |
| Perpetual bonds                      | 231.9            | 231.9             | 231.9          |
| <b>Total net debt</b>                | <b>2,207.2</b>   | <b>2,082.7</b>    | <b>724.6</b>   |
| Market value of equity               | 8,350.7          | 8,493.6           | 6,660.6        |
| <b>Total capital</b>                 | <b>10,557.9</b>  | <b>10,576.3</b>   | <b>7,385.2</b> |
| Gearing <sup>1</sup>                 | 20.9%            | 19.7%             | 9.8%           |
| Undrawn bank facilities <sup>2</sup> | 879.6            | 1,009.5           | 898.4          |
| 100% subsidiaries cash               | 20.3             | 25.2              | 593.2          |
| <b>Liquidity available</b>           | <b>899.9</b>     | <b>1,034.8</b>    | <b>1,491.6</b> |

- Significant undrawn bank facilities remain available following funding initiatives executed during the period
- \$277 million of bonds issued in the period, raising \$155 million in new debt and refinancing \$122 million of IFT210s that matured in September 2023
- No bond maturities in the remainder of FY2024, two bond maturities in FY2025 – \$56 million in June 2024 and \$100 million in December 2024
- \$50 million of short-term acquisition facilities and \$150 million of core bank debt facilities maturing in FY25 to be refinanced
- Weighted average cost of drawn debt as at 31 December 2024 was 5.8%, 90% on a fixed rate basis. Formal interest rate hedging policy in place to smooth interest costs and provide appropriate fixed rate hedging over a 10-year debt forecast horizon

<sup>1</sup> Gearing calculated as total net debt / total capital based on the Infratil share price at 31 December 2023.

<sup>2</sup> Infratil wholly owned undrawn bank facilities and maturity profile, excluding One NZ bank facilities which are held on a standalone basis. 21

# Portfolio Company Debt

We intend to complement the 6 monthly portfolio debt disclosures with relevant credit metrics

| 30 September 2023            | Gearing <sup>1</sup> | Net Debt / EBITDA <sup>2</sup> |
|------------------------------|----------------------|--------------------------------|
| CDC <sup>3</sup>             | 22.3%                | -                              |
| One NZ                       | 32.1%                | 3.0                            |
| Fortysouth                   | 38.1%                | n/a                            |
| Kao Data                     | 15.9%                | -                              |
| Manawa Energy                | 23.5%                | 3.5                            |
| Longroad Energy <sup>4</sup> | -                    | -                              |
| Galileo <sup>5</sup>         | -                    | -                              |
| Gurin Energy <sup>6</sup>    | -                    | -                              |
| Mint Renewables <sup>7</sup> | -                    | -                              |
| RHCNZ Medical Imaging        | 27.8%                | 3.6                            |
| Qscan Group                  | 28.3%                | 4.7                            |
| RetireAustralia              | 22.4%                | n/a                            |
| Wellington Airport           | 39.2%                | 6.6                            |
| Average Gearing <sup>8</sup> | 24.6%                | -                              |

- Gearing and credit metrics are monitored across the portfolio in aggregate and at the individual portfolio company level
- Gearing has remained stable across the portfolio in the period and at appropriate levels on an individual basis
- Kao Data and Longroad Energy have secured new debt packages since 30 September 2023
- In addition to the below metrics, Wellington Airport maintains a BBB S&P credit rating (stable outlook)
- Exposure to interest rates is monitored across each portfolio company and managed within approved treasury policy limits. Over 75% of drawn debt was hedged on a fixed rate basis as at 30 September 2023 across the Infratil portfolio

<sup>1</sup> Gearing calculated as total net debt / total capital based on most recent independent valuations, listed equity value or bookvalue at 30 September 2023

<sup>2</sup> EBITDA definitions based on pre IFRS16 and allowable pro forma adjustments under financing arrangements for each Portfolio Company

<sup>3</sup> CDC leverage metric applies EBITDA definition with forward looking components that cannot be disclosed at present.

<sup>4,5,6,7</sup> Holding company Net Debt position, excludes non-recourse project finance borrowing

<sup>8</sup> Calculated based on IFT's value weighted, proportionate share of Total Net Debt / Total Capital across all portfolio companies

# Asset Valuations

Enhanced disclosure around independent valuations will be a feature of reporting cycles going forward

| (\$millions)          | 31 December 2023 | 30 September 2023 |
|-----------------------|------------------|-------------------|
| CDC                   | 4,307.9          | 4,160.6           |
| One NZ                | 3,022.8          | 3,022.8           |
| FortySouth            | 205.1            | 227.8             |
| Kao Data              | 391.1            | 391.1             |
| Manawa Energy         | 686.4            | 723.2             |
| Longroad Energy       | 1,586.8          | 1,674.4           |
| Galileo               | 171.9            | 119.9             |
| Gurin Energy          | 28.1             | 33.9              |
| Mint Renewables       | 2.5              | 2.0               |
| RHCNZ Medical Imaging | 557.5            | 557.5             |
| Qscan Group           | 394.3            | 391.4             |
| RetireAustralia       | 407.2            | 407.2             |
| Wellington Airport    | 648.6            | 651.4             |
| Clearvision Ventures  | 132.7            | 139.6             |
| Property              | 108.0            | 108.7             |
|                       | 12,651.0         | 12,611.4          |

- CDC, Longroad Energy, Qscan and Galileo reflect the midpoint of 31 December independent valuations
- RHCNZ Medical Imaging reflects the midpoint of 30 September independent valuation
- RetireAustralia reflects the midpoint of 30 June independent valuation
- One NZ reflects the midpoint of 31 March independent valuation, adjusted to also include the additional \$1.8 billion invested during the period
- The fair value of Manawa Energy is shown based on the market price per the NZX
- Fortysouth, Kao Data, Gurin Energy, Mint Renewables, Wellington Airport, Clearvision and Property reflect their accounting book value as at 31 December



INFRATIL INVESTOR DAY 2024

MORRISON.

# Infratil Investor Day: Morrison Update

PAUL NEWFIELD, MORRISON CEO AND PARTNER

WILL SMALES, MORRISON CIO AND PARTNER

MARCH 2024



# A global infrastructure investor, born in New Zealand

MORRISON.

35 YEARS OF INFRASTRUCTURE INVESTMENT EXPERIENCE



## ATTRACTIVE TRACK RECORD

- ✓ 18%+ annualised return over 29 years<sup>1</sup>
- ✓ AUM USD 24+ billion<sup>2</sup>



## EXPERIENCED GLOBAL MANAGER

- ✓ Established in 1988 in New Zealand
- ✓ 7 offices globally, 190+professionals



## STRONG ALIGNMENT

- ✓ NZ\$200m+ direct Morrison shareholding in IFT
- ✓ Material IFT holdings by Morrison Board & Execs

1. Infratil Limited's total shareholder return, with dividends presented gross of imputation credits, net of tax and net of the supplementary dividend, from inception on 28 March 1994 to 31 December 2023. Other relevant Infratil Limited returns: 1 year: 20.0%, 5 years: 26.2% p.a., 10 years: 21.4% p.a., SI: 18.7% p.a.

2. Morrison AUM as at 31 December 2023, converted to USD using exchange rates at 31 December 2023 (source: FactSet, mid rates). Excludes undrawn commitments.

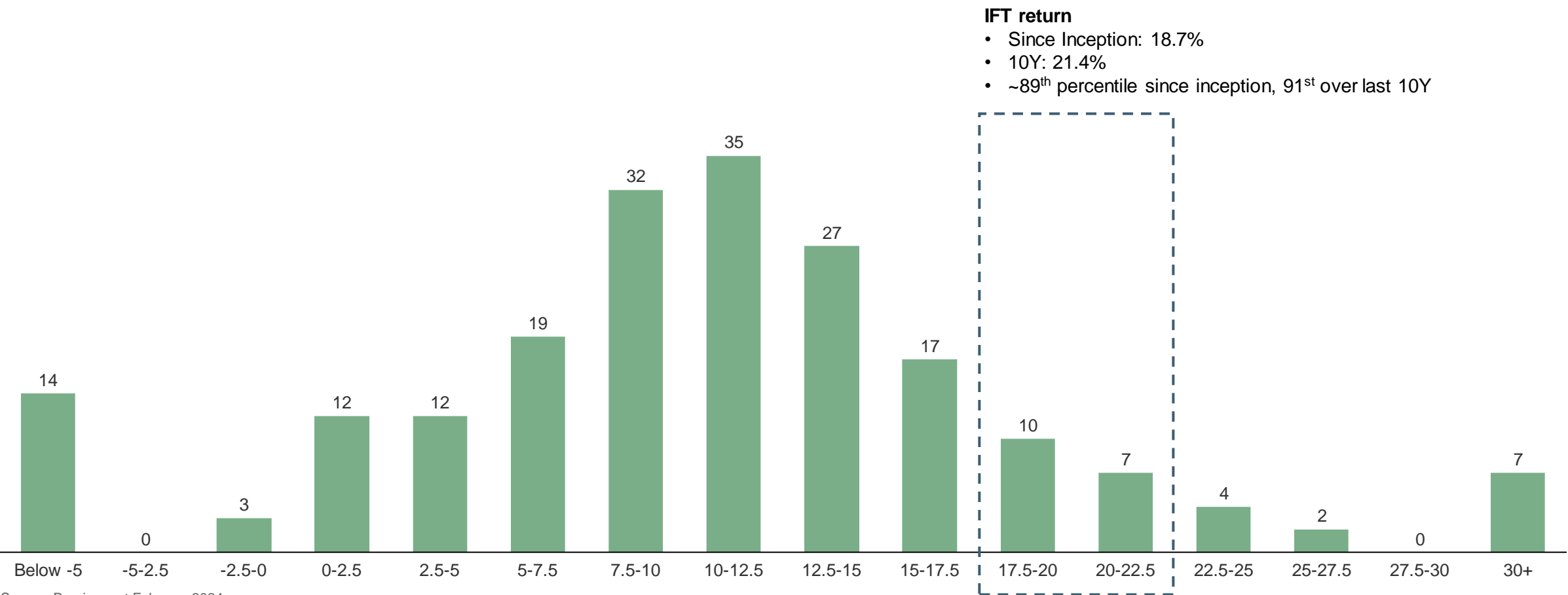
Please refer to the slide entitled "Important Information", in particular that past performance is not a guide to future performance.

# Investment performance: Infratil vs the World

WE ARE COMMITTED TO KEEP DELIVERING THE EXTRAORDINARY

PEER PERFORMANCE DISTRIBUTION, BY NET IRR RANGE, VINTAGE YEAR 1999-2023, FUND #

*N = 201. Core, Core+ and Value-added. NA, EU and ANZ only. Fund size > US\$300m*



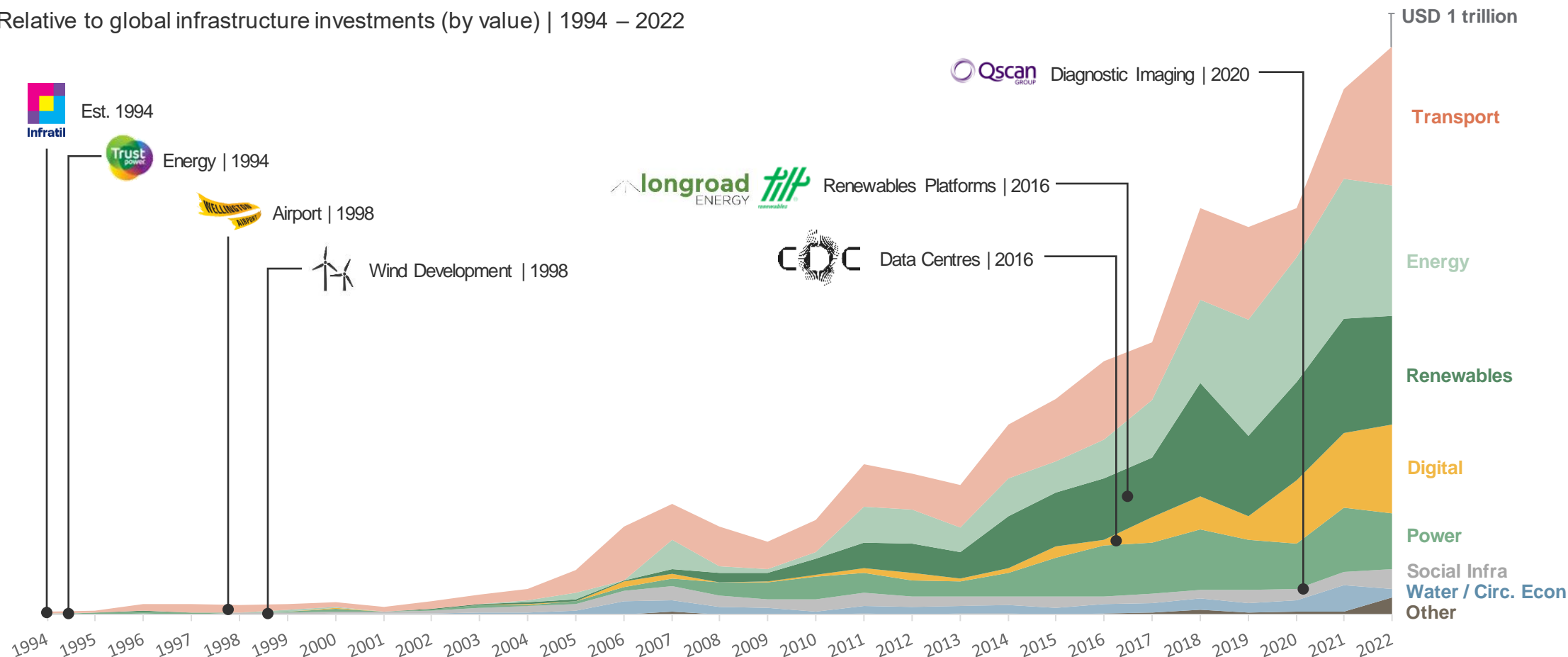
# Early mover in the infrastructure asset class

MORRISON.

## SUCCESSFULLY RECOGNISING AND CAPITALISING ON MARKET EVOLUTION

### MORRISON AND INFRATIL FIRST INVESTMENTS BY SECTOR

Relative to global infrastructure investments (by value) | 1994 – 2022

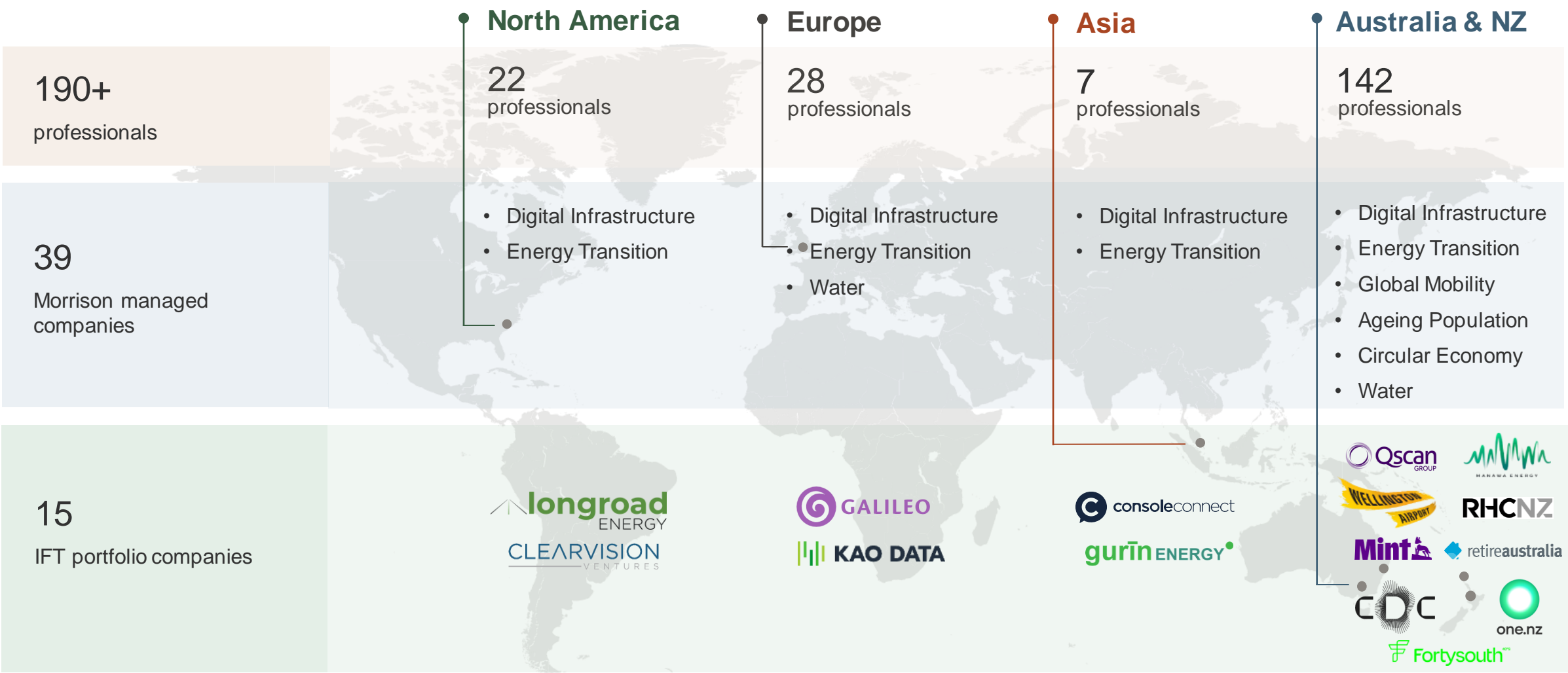


Source Infralogic. Closed transactions (M&A, Privatization, Take Private, Greenfield – Excluding Commodities sector) globally from 1994 – 2022. Digital sector data displayed corresponds to Infralogic Telecommunications sector data. Water/Circular Econ corresponds to Infralogic Environment sector data. Named assets represent first investments by Morrison in respective sector (exclude assets that are managed but were not originated by Morrison).

# Building our global capability to support Infratil's growth

MORRISON.

ONE OF THE WORLD'S LARGEST SPECIALIST INFRASTRUCTURE MANAGERS

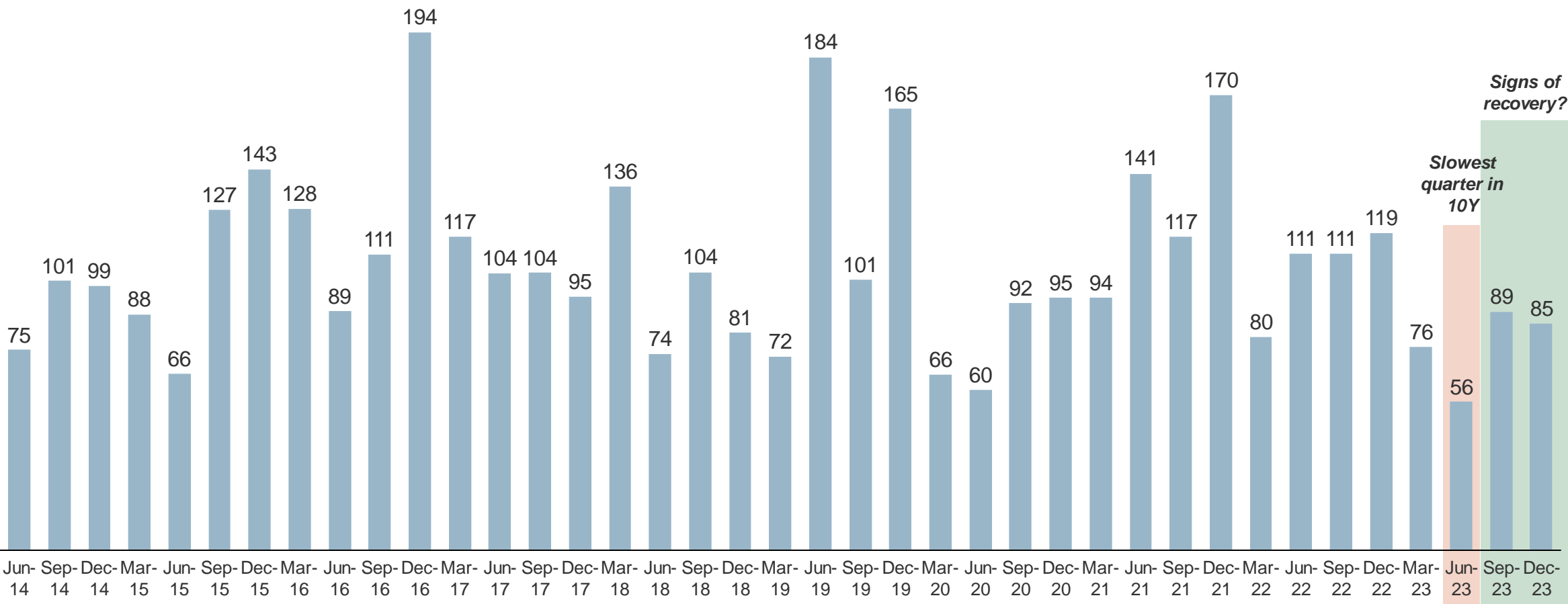


Data as at 28 February 2023. Grey dots represent Morrison office locations.

# Global infrastructure deal activity slowed significantly in 2023

INFRASTRUCTURE DEAL FLOW REACHED A 10 YEAR LOW IN JUNE 2023

GLOBAL INFRASTRUCTURE AGGREGATE DEAL VALUE, BY QUARTER, USD BN



Source: Preqin

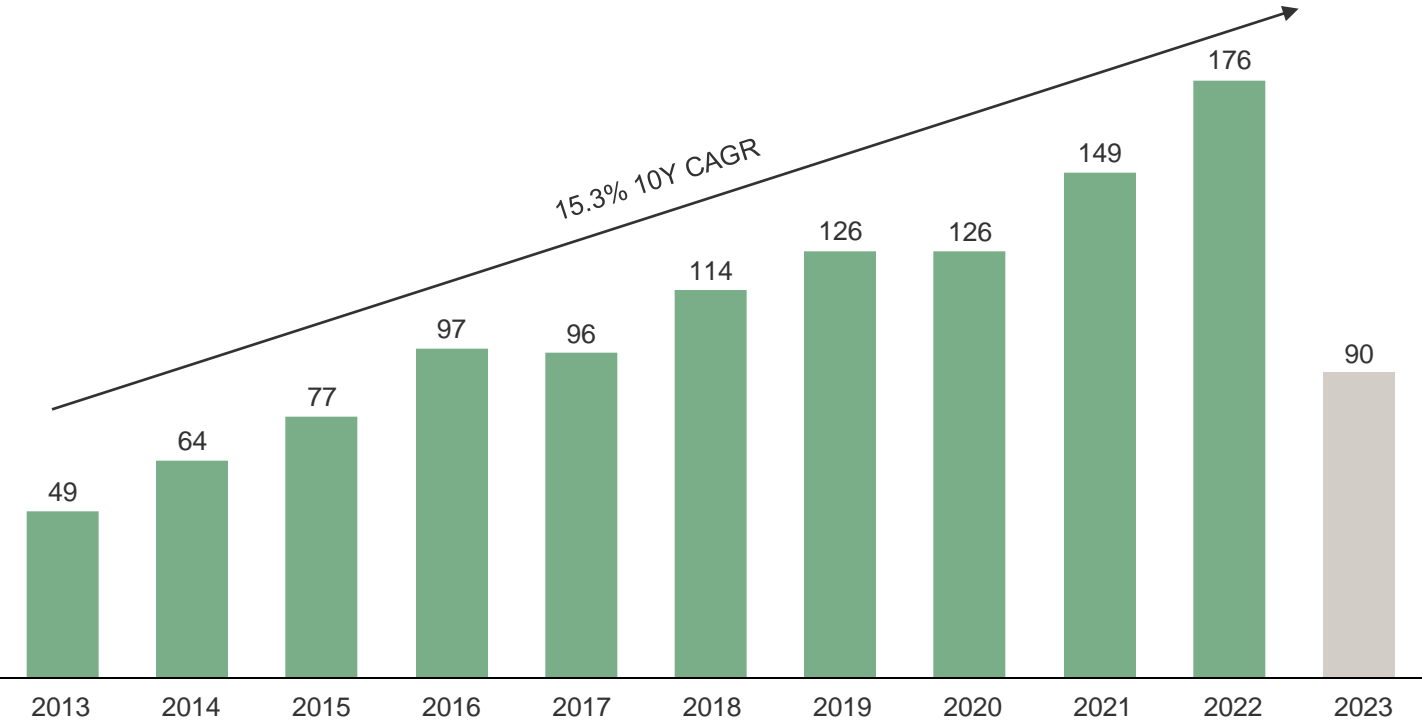
Note: Q1 2024 actual is up to 22<sup>nd</sup> February 2024 and gross up to the full quarter. Q1 is usually a slow quarter in deal activities due to holiday period



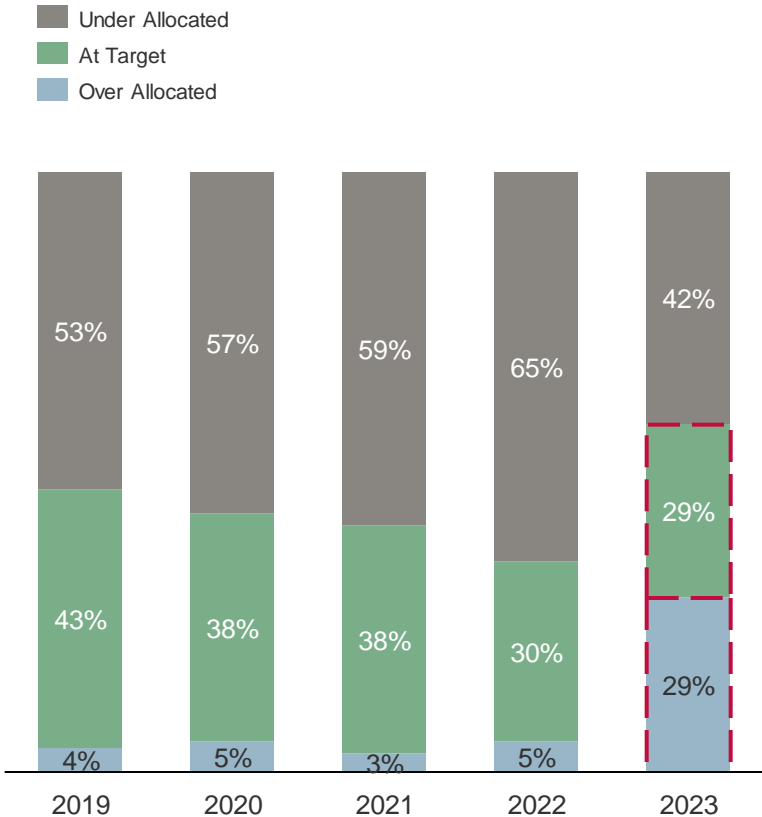
# Infrastructure sector capital raising dropped c.50% in 2023

## CONGESTION APPEARING IN THE TYPICAL PRIVATE FUND LIFE CYCLE

INFRASTRUCTURE CAPITAL RAISED  
US\$bn (funds closed in period)



LP ALLOCATION TO INFRASTRUCTURE  
As at December each year



Q4 23 showed green shoots  
with \$60bn raised

Source: Preqin, Infrastructure Investor.  
1. Based on unlisted infrastructure annual capital distributed and raised between 2013-22.

# Infrastructure remains a strategic priority for major asset managers

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BLACKROCK'S USD12.5B ACQUISITION OF GIP IS LIKELY TO ACCELERATE THIS TREND

MAJOR ASSET MANAGERS EXPANDING IN INFRA (LTM)

**BlackRock**



**CVC**

**Bridgepoint**

**KKR**

ATTRACTED BY THEMES IFT HAS INVESTED IN FOR YEARS

*"A number of **long-term structural trends** support an acceleration in infrastructure investment. These include **increasing global demand for upgraded digital infrastructure**... renewed investment in **logistical hubs such as airports**...and a movement toward **decarbonisation and energy security**."*

**BlackRock**

*"Addressing the **global paradigm shift toward sustainability** requires an economic transformation and a capital investment on a massive scale."*



*Expanding into infrastructure is a logical next step for us, given the **long-term secular growth trends** in infrastructure.*

**CVC**

*"**Infrastructure is a key pillar** of KKR's global and [Asia Pacific] regional strategy"*

**KKR**

# What does it all mean for Infratil?

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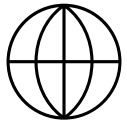
## OBSERVATIONS



We are investing in **IFT equity** and **Morrison capability**



**IFT is well set** in attractive global growth sectors



Major **global asset managers** are entering our sector



**Congestion in private funds** = window of opportunity?

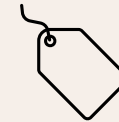
## IMPLICATIONS



We are **aligned** and **committed** to **outperformance**



Great options to **grow our existing businesses**



Long run **tailwind for asset valuations**



Infratil's **perpetual structure** is a competitive advantage

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OUR PURPOSE:

To invest wisely  
in ideas that matter.



FOUNDER  
HUGH RICHMOND LLOYD MORRISON

# To invest wisely in ideas that matter

MORRISON.

WE ADOPT A TARGETED ORIGINATION APPROACH

## GLOBAL THEMATICS

Energy transition

Digitisation & connectivity

Global mobility

Ageing population

Circular economy & resource constraints

## MORRISON FOCUS

Ideas that matter

## INFRASTRUCTURE FIT

Essential to the economic prosperity  
and wellbeing of its community

Enduring social license to operate

Resilient to macroeconomic cycles

Long term defensible profitability



## MAJOR GLOBAL THEMES THAT WE BELIEVE WILL SHAPE ECONOMIES, INDUSTRIES AND SOCIETIES OVER THE LONG-TERM

01

### ENERGY TRANSITION

The methods by which we produce, transport, store and use energy are undergoing a dramatic, systemic change



02

### DIGITISATION AND CONNECTIVITY

Ubiquitous, high-speed, reliable connectivity underpins almost every aspect of society



03

### GLOBAL MOBILITY

Powerful and enduring economic logic drives interconnectedness in economies, companies, societies, and labour forces



04

### AGEING POPULATION

Rising life expectancies and declining fertility rates have caused an ageing population in virtually all developed and most developing societies



05

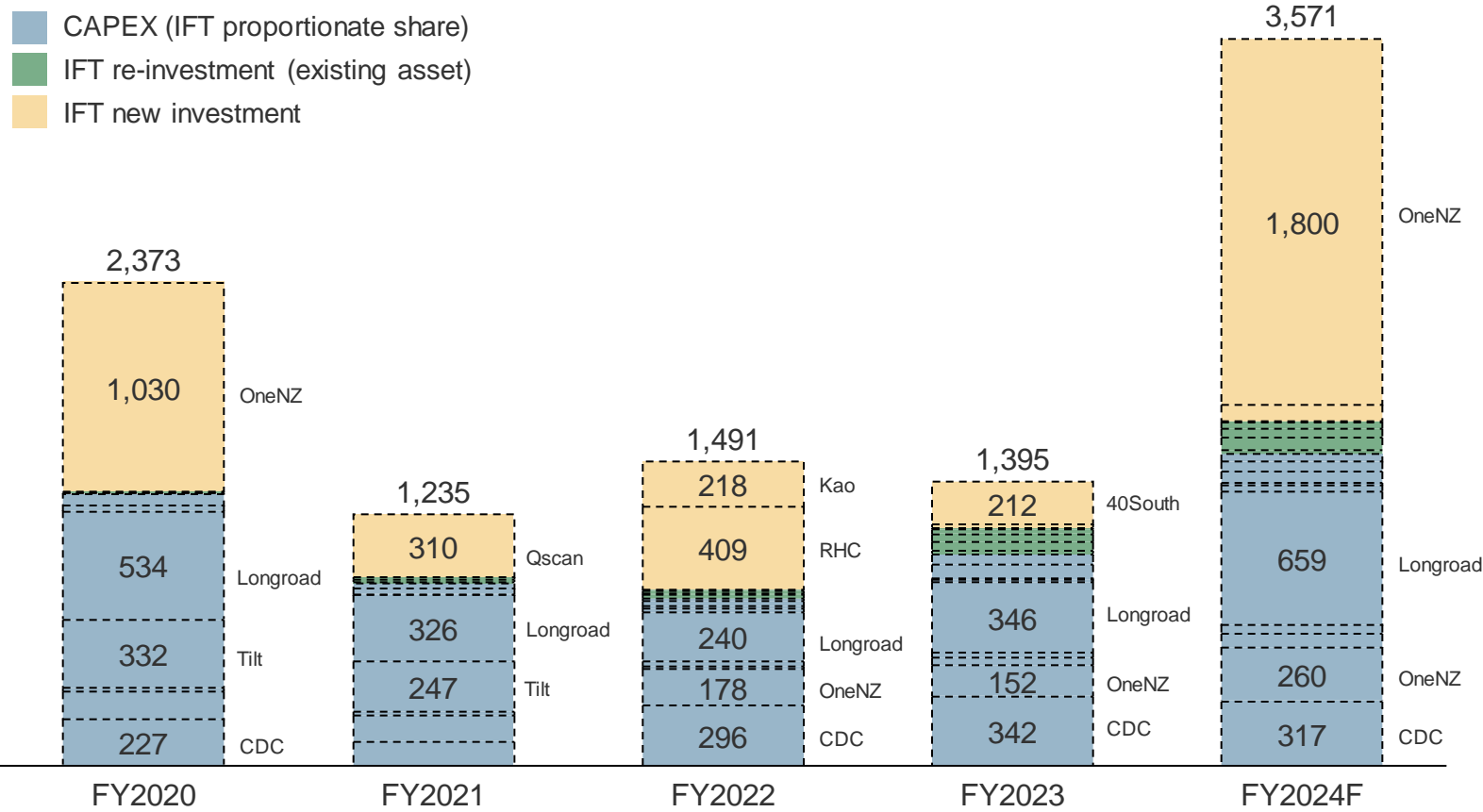
### CIRCULAR ECONOMY AND RESOURCE CONSTRAINTS

New technology, regulatory interventions, increased consumer awareness and resource constraints have removed the historical contradiction of "profit vs sustainability"

# How Morrison assesses opportunities for Infratil

## INTERNAL OPTIONS CAN OFFER EXCEPTIONAL RISK ADJUSTED RETURNS

THE VALUE OF PLATFORMS: CAPITAL DEPLOYED BY IFT  
NZ \$M

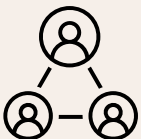


Note: "Re-investment" numbers exclude IFT capital injections into Kao (~\$50m over 2 years) and Longroad (~\$480m over 5 years) platforms to avoid double count in "proportionate CAPEX"



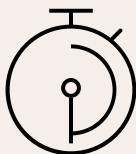
### THE 'PLATFORM ADVANTAGE'

- Information advantage
- Timing of deployment
- ROIC > WACC



### DISCIPLINE

- Benchmarking broadly
- Management dialogue



### PATIENCE

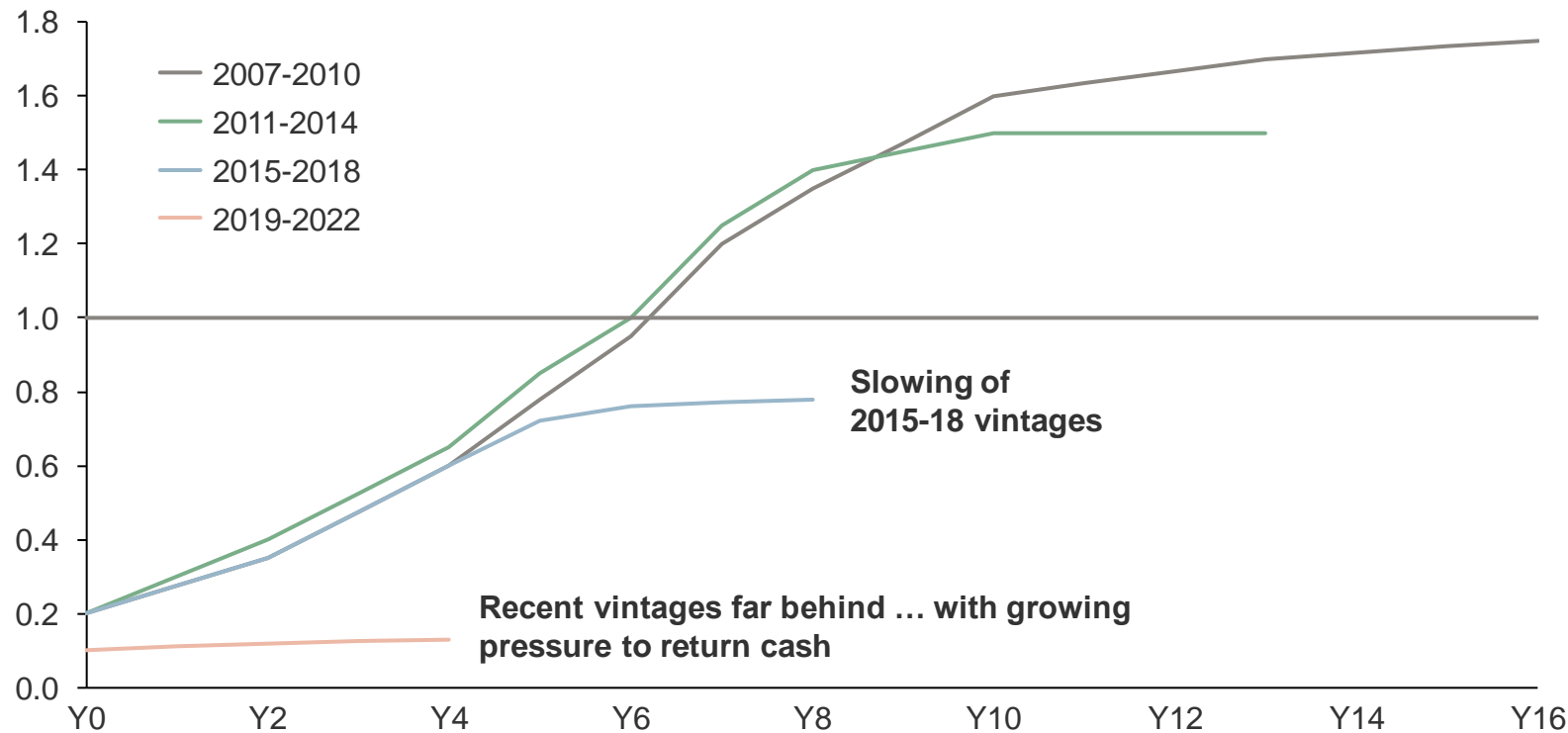
- The right access point
- The right team

# How Morrison assesses opportunities for Infratil

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## MARKETS WILL REOPEN, PROVIDING INSIGHT AND POTENTIAL OPPORTUNITY

GLOBAL FINANCIAL SPONSORS:  
DISTRIBUTIONS TO PAID IN CAPITAL BY FUND VINTAGE



**Unlisted infrastructure funds have seen similar dynamics ... with an 73% fall in capital distributed between 2022 vs 2023**

Source: Goldman Sachs; Preqin

## SHORT-TERM: PRIVATE MARKETS HOLDING THEIR BREATH ... FOR NOW

Dealmaking (and distributions) slowed in 2023

... but pressure building

...and more benign macro conditions forecast

## LONGER-TERM: ONGOING VALUE OF PRIVATE OWNERSHIP

Value creation vs traditional owners

Valuing and creating real options

Demand for capital and social need

# Finding the right access point for Infratil

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TYPICALLY, MORRISON EVALUATES OPPORTUNITIES FOR YEARS BEFORE RECOMMENDING AN INVESTMENT TO INFRATIL

## MORRISON ESTABLISHED BUSINESSES



## BILATERAL DEALS



## DEMERGED BUSINESSES



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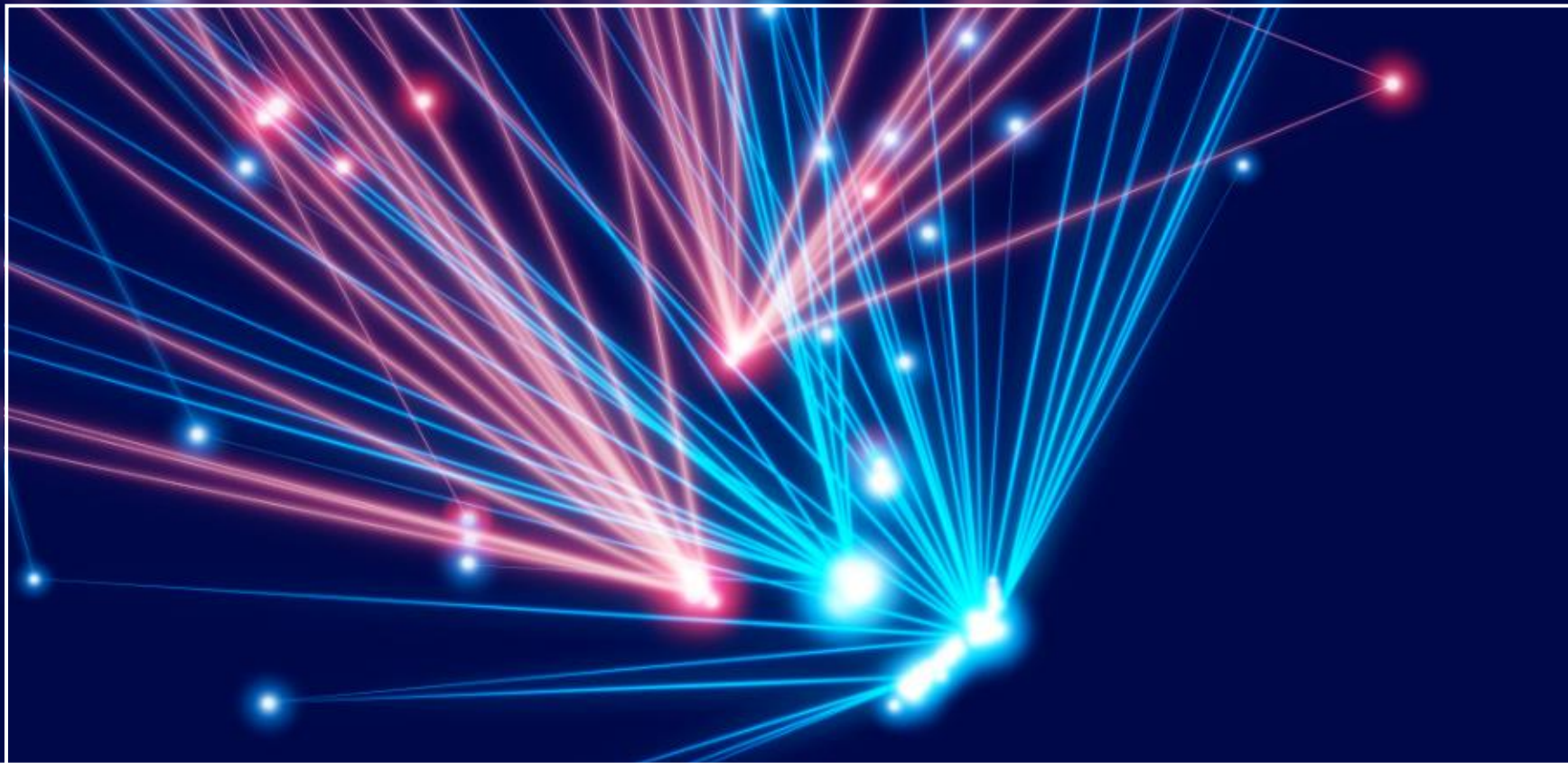




| AUSTRALIA   |  | NEW ZEALAND                                     |  | SINGAPORE  | UNITED KINGDOM   | UNITED STATES  |
|---|--|---|--|--|--|--|
| Level 31<br>60 Martin Place<br>Sydney<br>NSW 2000 | Level 4-5<br>447 Collins Street<br>Melbourne<br>VIC 3000 | 5 Market Lane<br>PO Box 1395<br>Wellington 6011 | Level 1,<br>Northern Steamship Building<br>122 Quay Street<br>PO Box 1465, Auckland 1140 | Level 7<br>CapitaSky<br>79 Robinson Road<br>Singapore 068897 | Office 25.17, Level 25<br>The Shard<br>32 London Bridge Street<br>London SE1 9SG | 56th Floor<br>Carnegie Hall Tower<br>152 W 57th Street<br>New York, NY 10019 |



# Renewable Energy Update



Managed by **MORRISON.**

**Vimal Vallabh**  
Global Head of Energy

# Global Renewables

A unique global platform, utilising a regional approach to address local needs

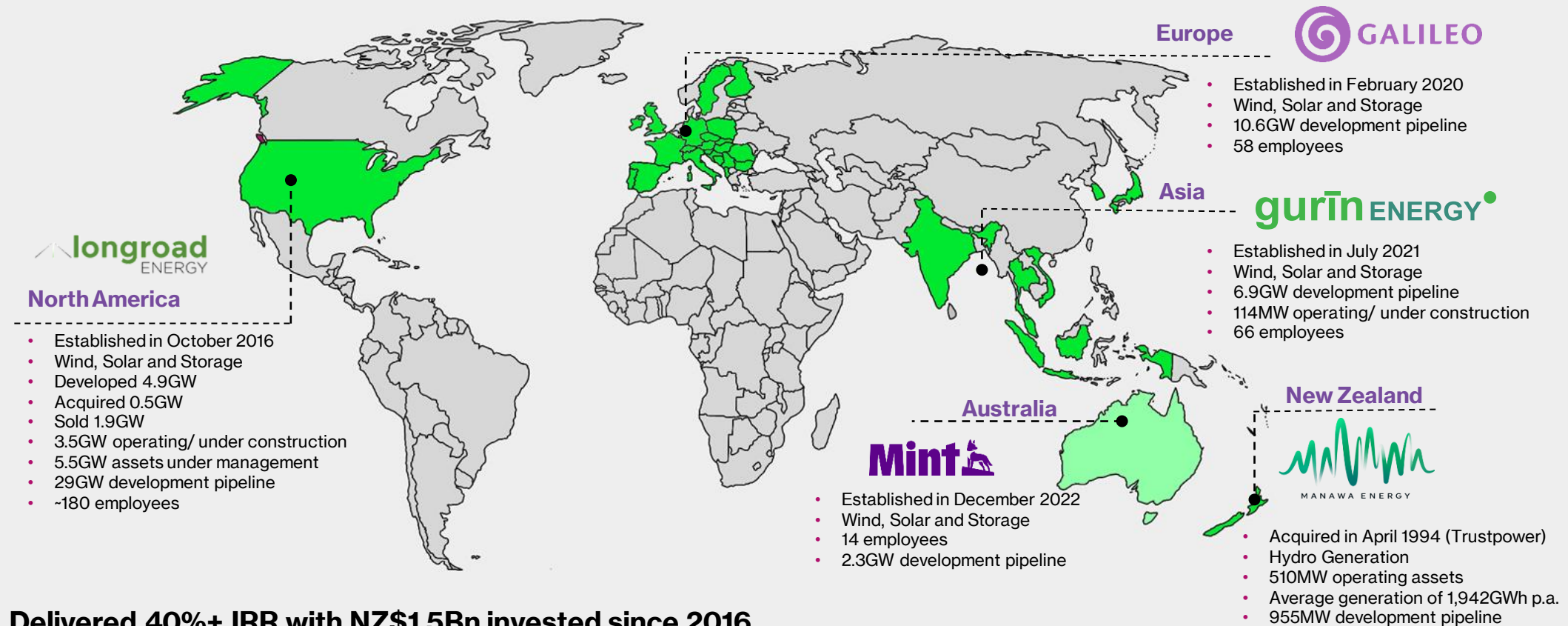
- Global investment in the energy transition hit a record US\$1.8tr in 2023, to reach net zero this needs to almost triple for the remainder of the decade<sup>1</sup>
- New investment in renewable energy reached yet another record in 2023, coming in 10% higher than a year earlier<sup>2</sup>
- Solar was the main driver for growth in renewable investments, accounting for more than half the global total with a 12% year-on-year increase
- A reversal of recent cost inflation was seen across solar PV and Battery Storage as significant new manufacturing capacity came online, primarily in China
- Onshoring of equipment manufacturing is becoming a key pillar of government policies, a response to the US Inflation Reduction Act
- Our deep experience and global coverage across renewables and the broader energy sector allows us to assess relative risk and returns and explore adjacent opportunities



<sup>1</sup> BNEF Energy Transition Investment Trends 2024; <sup>2</sup> BNEF Renewable Energy Investment Tracker 1H 2024

# Our Global Renewables Platform

Well positioned to continue to capitalise on unprecedented growth



**Delivered 40%+ IRR with NZ\$1.5Bn invested since 2016**

Positioned for growth: 50GW+ pipeline, c.4GW operating / construction assets across 4 continents and 29 unique markets



# Platform Highlights Reel

Infratil represents one of the best investable renewable opportunities globally



- Construction of >3GW across 4 States expected to complete, continue, or commence in FY2025
- Total pipeline of projects expanded by ~11GW during 2023 to 29GW across more than 20 states
- Secured a further ~US\$750m of financing through a US\$600m debt facility and additional equity from existing investors



- Total pipeline of projects expanded by ~4GW during 2023 to ~10.6GW across seven countries
- Completed two successful sales, 800MW pipeline of wind and solar projects in Northern Europe and 140MW of solar projects in Italy
- Source Galileo, a joint venture with an experienced offshore wind team, has attracted investment from the Ingka Group, the world's largest IKEA retailer, and from Kansai, the utility operator from Osaka, Japan



- Awarded conditional licence to import power into Singapore from Indonesia supplied by a 2GW Solar PV plant and 4.5GWh battery
- 1st project under construction in the Philippines. 2nd project commencing construction in Q1 2024
- Significant progress on projects in Thailand and South Korea, with market entry into Japan



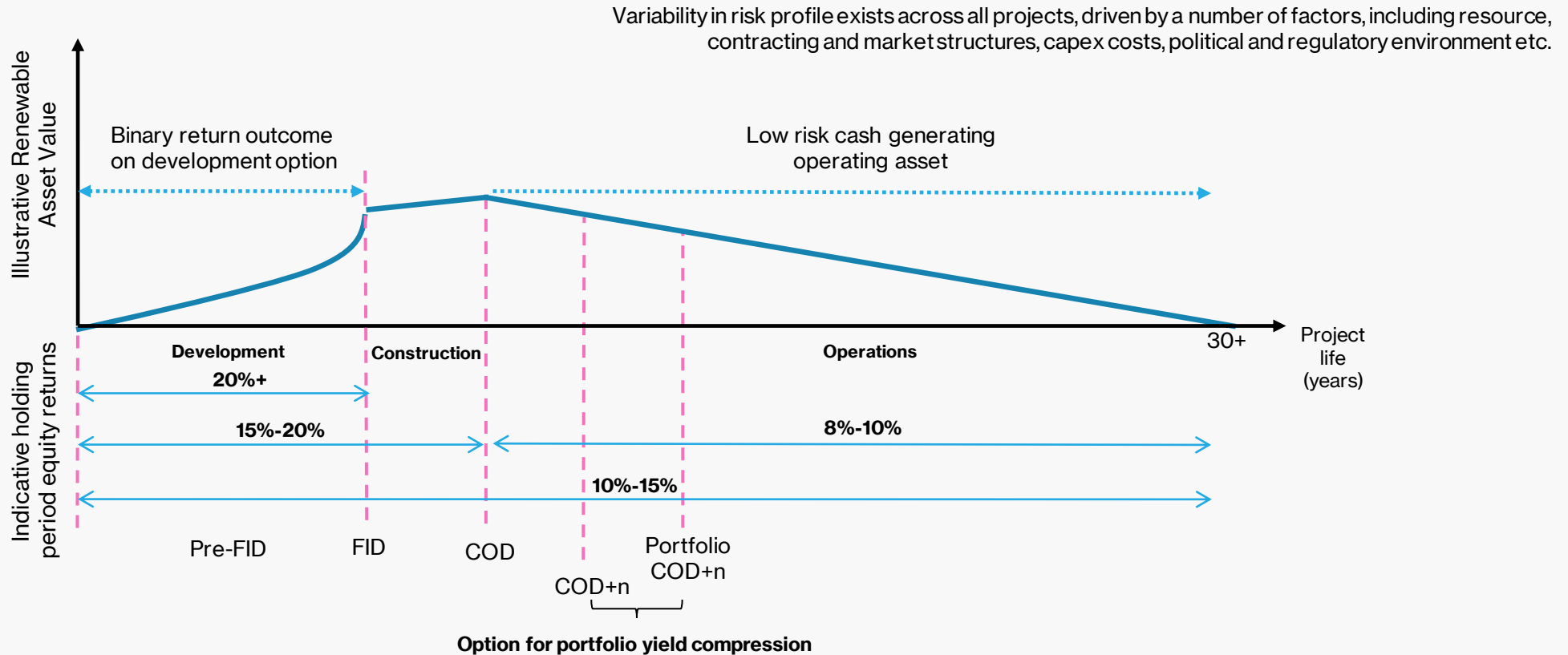
- New Board members and CEO
- Asset upgrade program proceeding well, on track to deliver 78GWh annual volume lift
- Secured land for 950MW+ of wind and solar projects, including JV with Pioneer Generation



- Team at 14 with all key hires now filled, focussed on wind and storage development
- Built a diversified pipeline of over 2.2GWs across 4 Australian States
- Growing policy momentum, Capacity Investment Scheme expanded to 32GW, incorporates renewables

# Typical Project Return Profile

Holding period will significantly drive risk, return and capital at work in renewables





# Portfolio Management

## Consistent methodology to valuation

### Regional platforms

Looking beyond near-term pipeline, continuous optionality to originate and develop those options into quality projects.

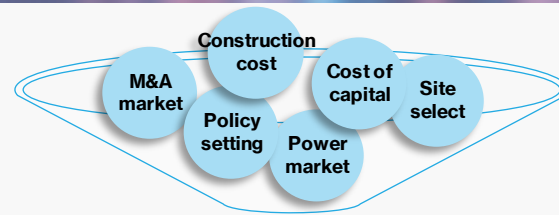
Localised decision-making gives focus and responsiveness to our portfolio and the options.

### Asset portfolio

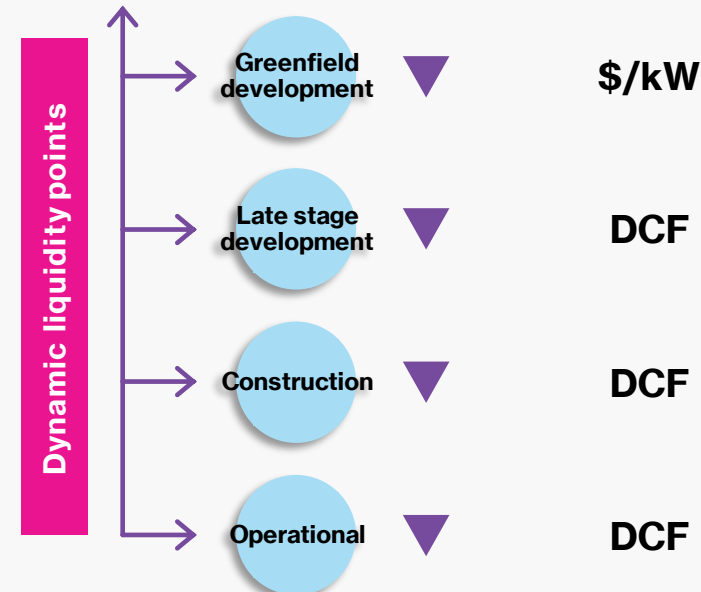
Stage of project lifecycle will drive approach and ultimate consideration of value.

\$/kW will be discounted back from FID to reflect the stage of development and higher risk to completion.

Adjusted discount rates can be applied against the DCF to reflect the specific risks of the project, i.e. construction, market etc.



### Asset origination and disposals

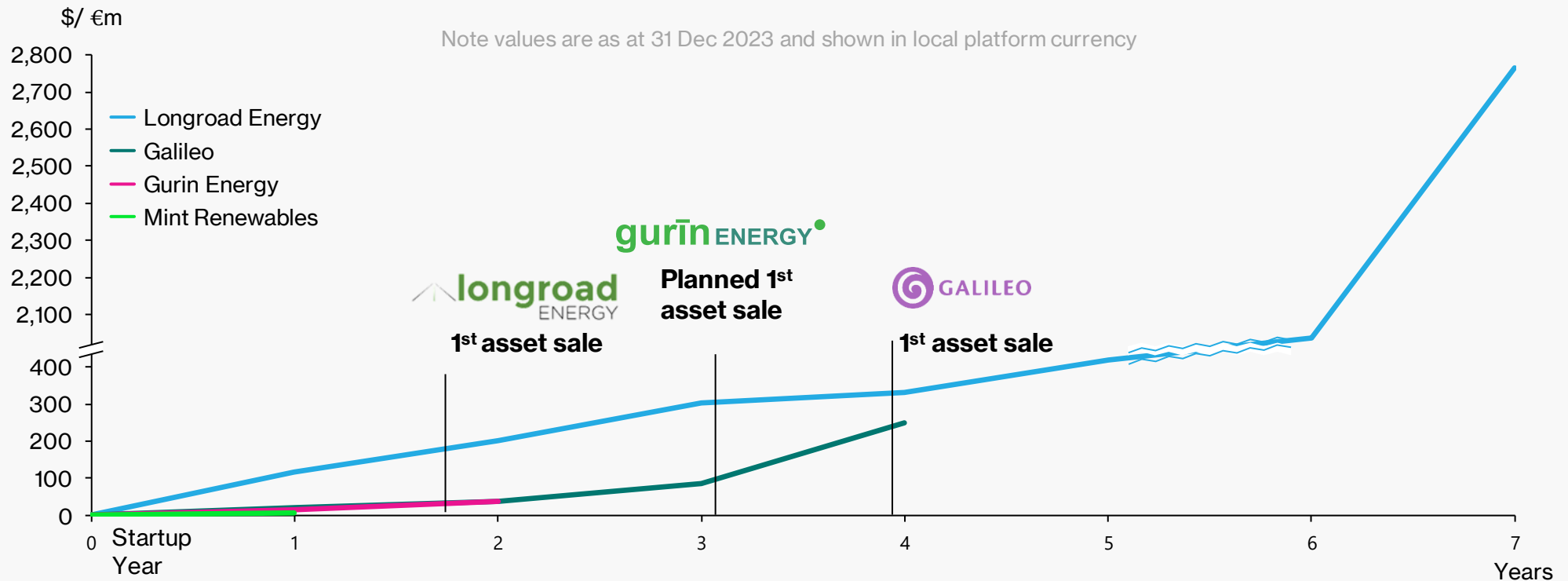


### Standardised market valuation approach based on project stage

\$/kW

# Valuation Evolution

Startup development platforms take time to reflect value



- As startup businesses, our platforms take time to develop a pipeline and track record. As both elements are progressed, we see the value uplift occur
- Longroad secured an acquisition of operating assets in the 1st year, providing immediate value uplift

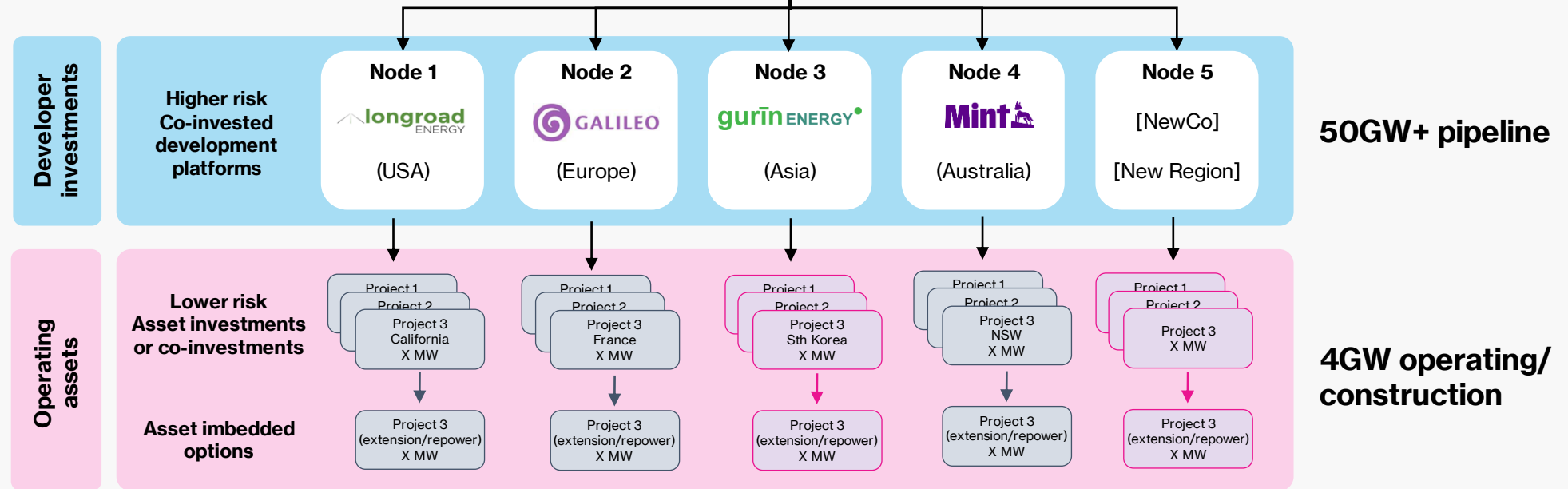
# Decentralised Global Developer

## Optimising capital deployment options for risk and returns

- Experienced localised management with deep pipelines
- Local market knowledge and development capability
- In large strong markets to allow growth and scale



- Diversify political, technology, markets, price and volume risks
- Optionality in quantum, timing and geography of investment
- Maximises internal competition for capital allocation and returns

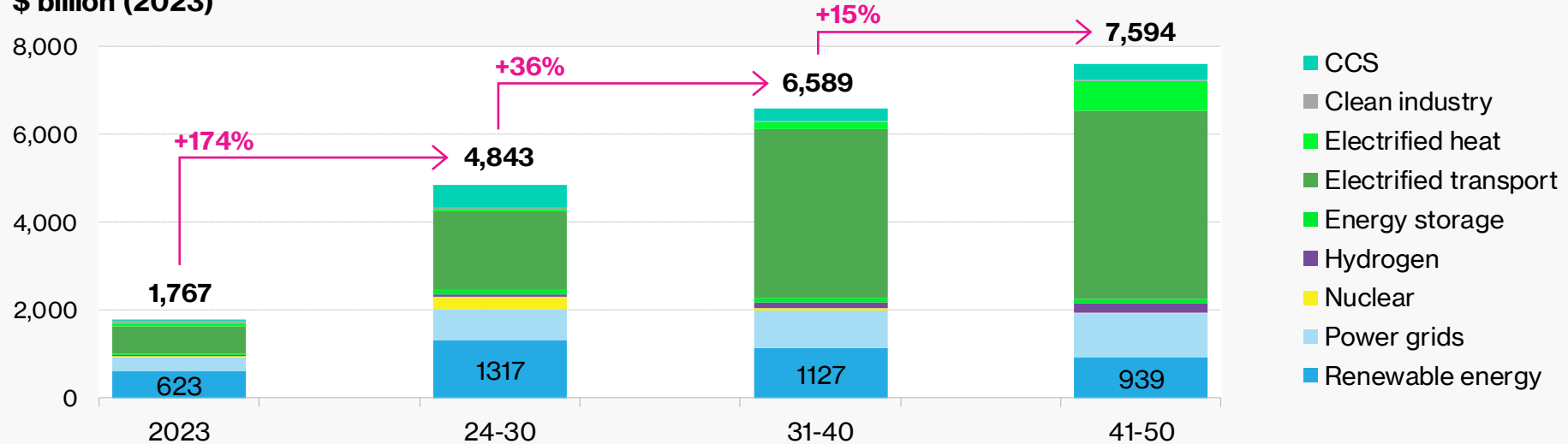


# A Large Investable Landscape

The energy transition provides an unprecedented and sustained opportunity set

## Forecast investment needs to achieve a net zero outcome by 2050

\$ billion (2023)



- Renewable Energy investment will need to more than double through to 2030, predominately in the power sector but increasingly complemented with renewable fuels as well
- Fundamental to the expansion of renewable's is the build out of power grids across all markets, creating an increasingly interconnected grid
- CCS growth forecasted to be substantial but likely to be regionally specific as existing fossil fuel rich nations like the US look to capture emissions at the source





# Infratil

# Investor Day 2024

March 5, 2024



# longroad

ENERGY

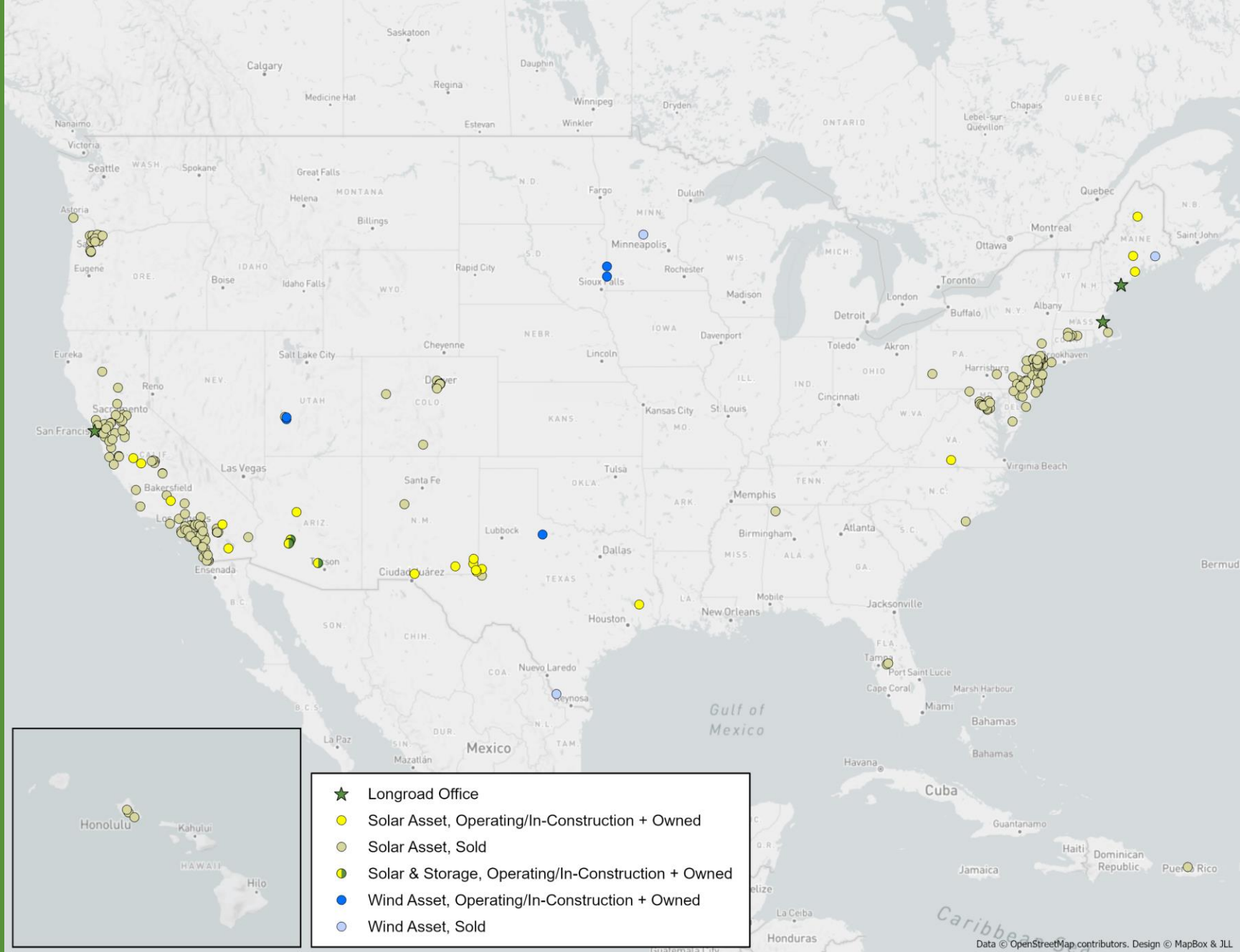


Photo: 'Infinite Skies' by David Beavis

# Track record

Inception to date

| GW    |                      |
|-------|----------------------|
| 4.9   | Developed            |
| 0.5   | Acquired             |
| 5.4   | Total                |
| (1.9) | Sold                 |
| 3.5   | Net owned            |
| 2.0   | Third-party services |

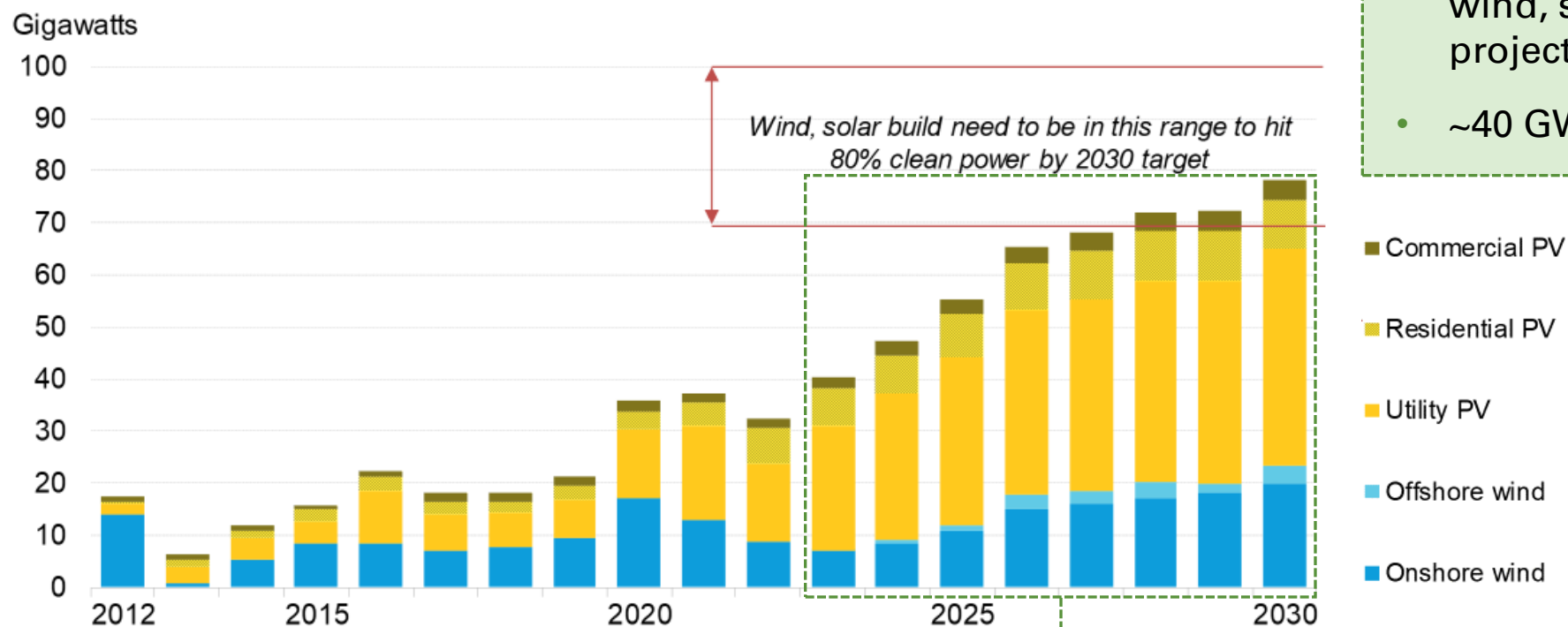




# US Renewable market (2023-2030)

## Generational growth opportunity

### Projected annual US wind and solar capacity additions



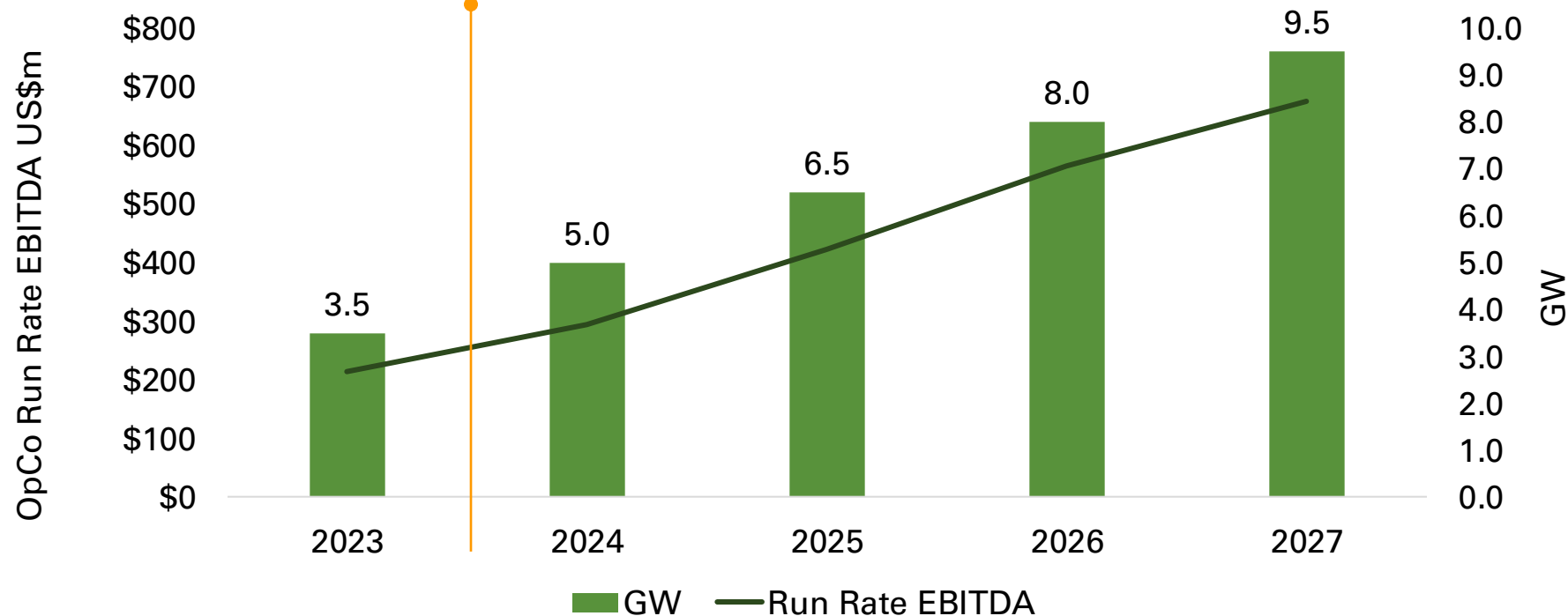
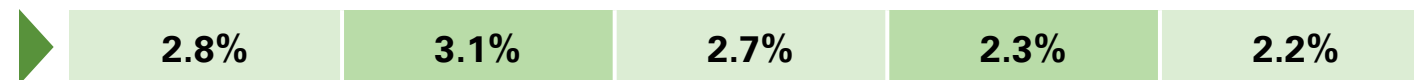
Source: EIA, BloombergNEF. Note: Solar capacity in GW (DC) terms

- Utility scale solar, onshore wind, storage buildout projection is 489 GW
- ~40 GW built in 2023

# Longroad 2027: 9.5 GW, US\$600m+ Run Rate EBITDA

Positioned well for continued growth

Market share  
(utility scale)  
% of BNEF  
projections



- 2024-27 @ 1.5 GW p.a.
- Backed by >28 GW pipeline
- Utility scale share 2-3%

# Broad Market Comps GW per year



December 2023  
**Investor  
presentation**

- 3.5 GW built in 2023
- 25-30 GW between 2023-27 (5.5 GW p.a. at midpoint)



22 February 2024  
**Earnings call**

- Expect 7 GW over next four years 2024-27 (1.75 GW p.a.)









25 January 2024  
**Earnings call**

- Expect 32.7 – 41.8 GW between 2023-26 (9.3 GW p.a. at midpoint)

# Inflation Reduction Act of 2022

## IRA impacts taking hold in US renewables market

|   |  |  |
|---|--|--|
|    | <b>10-year PTC including solar ITC</b> | <ul style="list-style-type: none"><li>• Guidance issued</li></ul>  |
|    | <b>10-year ITC</b>                     | <ul style="list-style-type: none"><li>• Guidance issued; solar and storage guidance needs clarification</li></ul>            |
|    | <b>Stand-alone storage ITC</b>         | <ul style="list-style-type: none"><li>• Guidance issued and working</li></ul>  |
|    | <b>Energy communities</b>              | <ul style="list-style-type: none"><li>• Guidance issued and working</li></ul>  |
|   | <b>Domestic content</b>                | <ul style="list-style-type: none"><li>• Preliminary guidance issued; needs clarification on solar PV qualification</li></ul> |
|  | <b>Transferability</b>                 | <ul style="list-style-type: none"><li>• Guidance issued; market in formation and some deals happening</li></ul>              |

# Macro market points

1

**Thesis on scale is holding**



- Equipment procurement
- Financing (high street)
- Competitive advantage in M&A

2

**Challenges remain**



- IRA final guidance
- Long lead times MPT / HV / MV
- Interest rates / PPA prices vs. Returns
- 2024 election

3

**Longroad well-positioned**

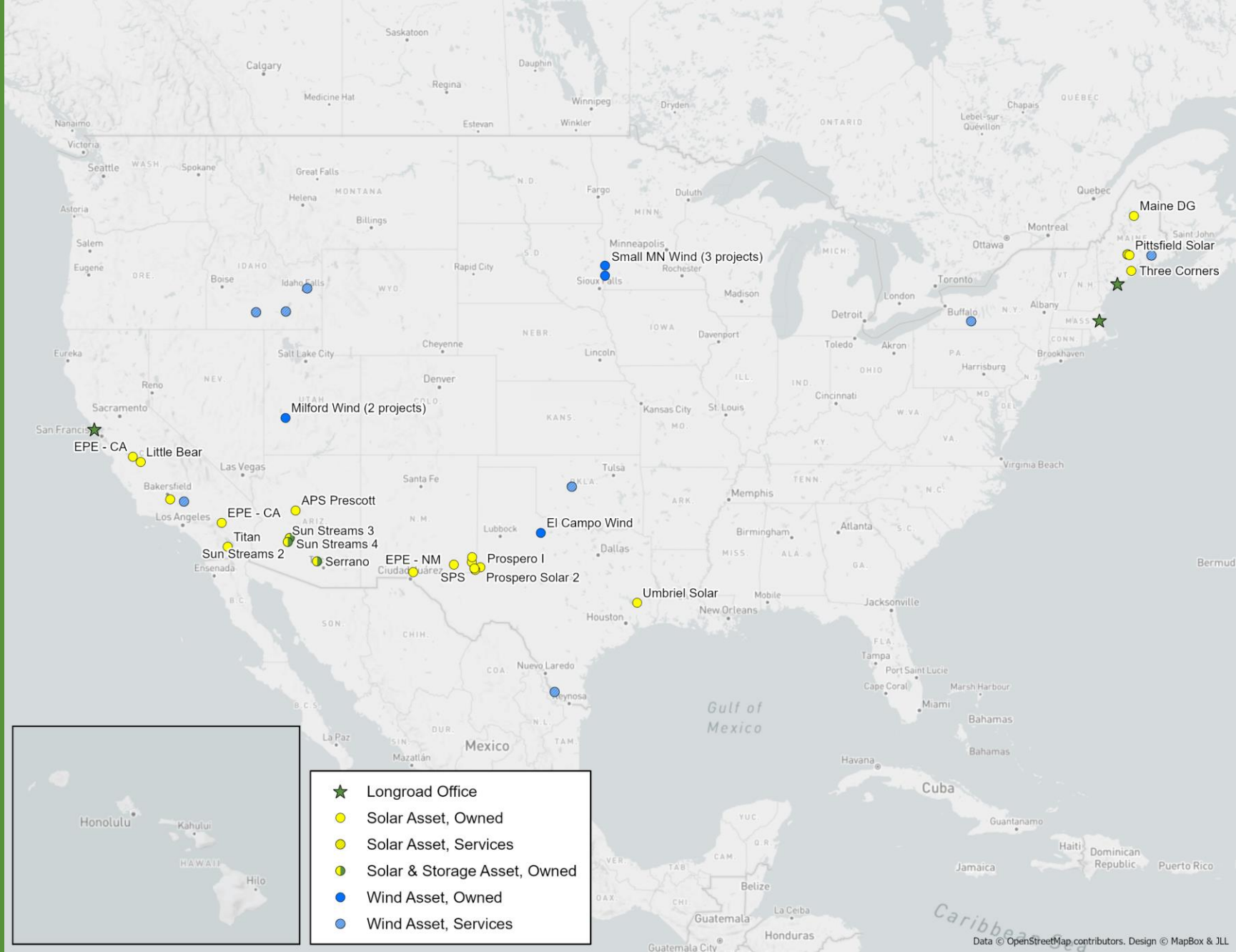


- Track record, team, values
- Aligned management and growth / execution teams
- Funded until mid-2025; liquidity at a premium

Operating assets

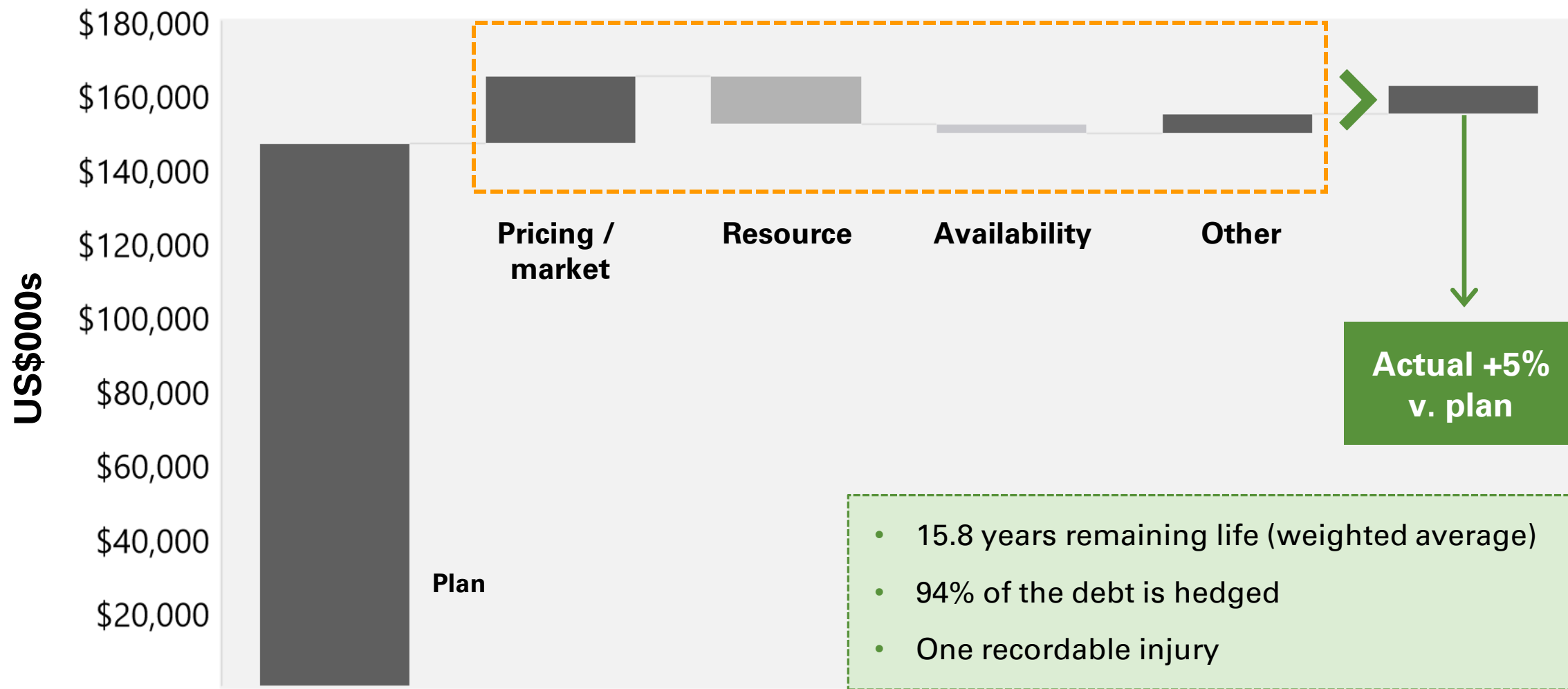
3.5 GW /  
16 projects

Longroad owned  
(operating and  
in-construction)  
and third-party  
managed assets

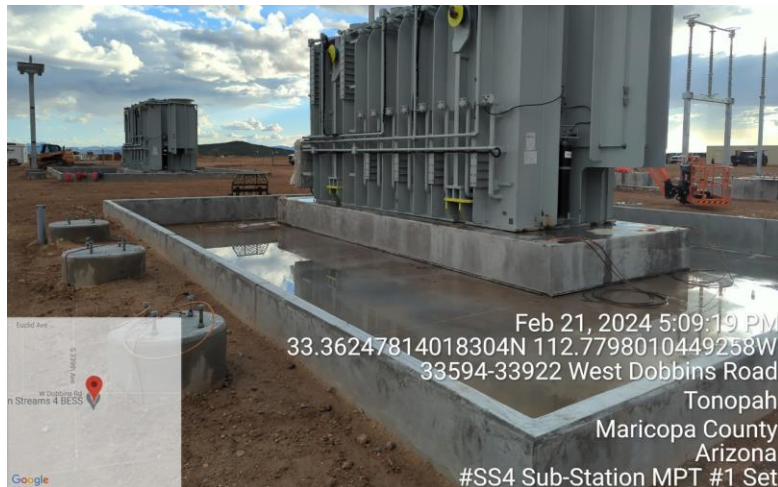




# Opco 2023 Performance – Run Rate EBITDA

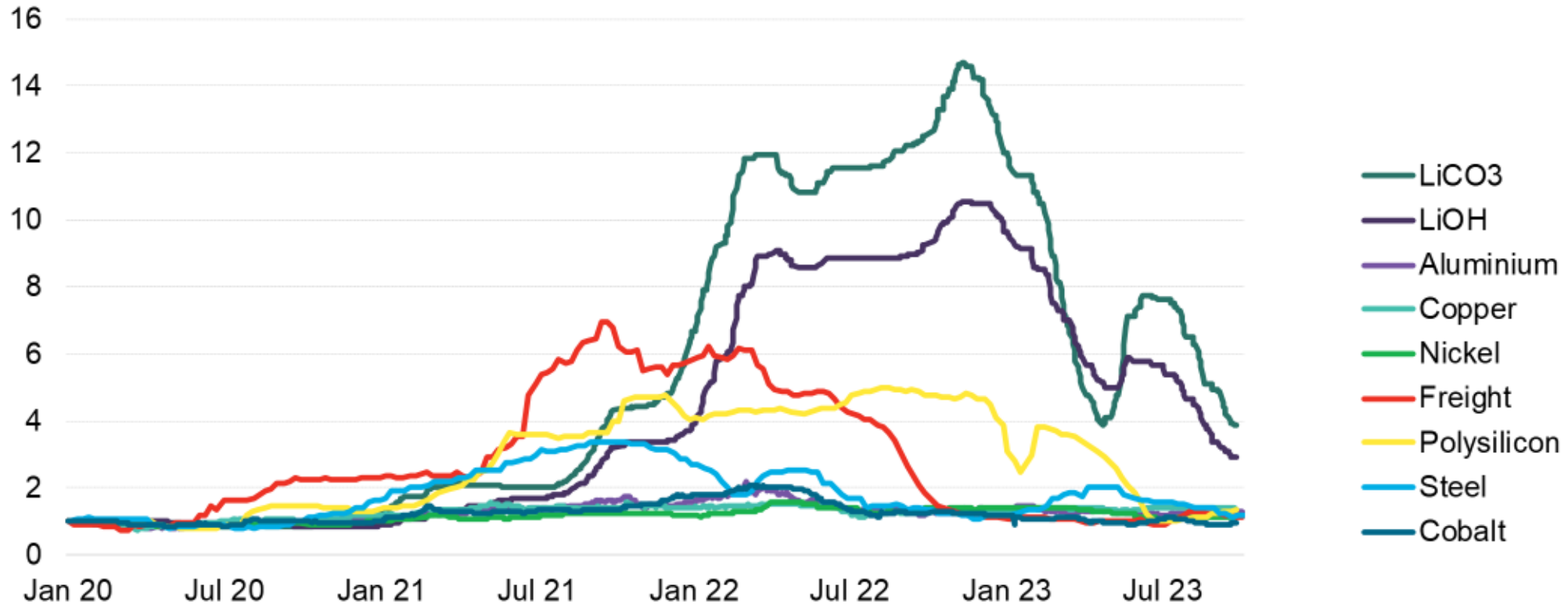


# Construction: 4 projects / 1.8 GW



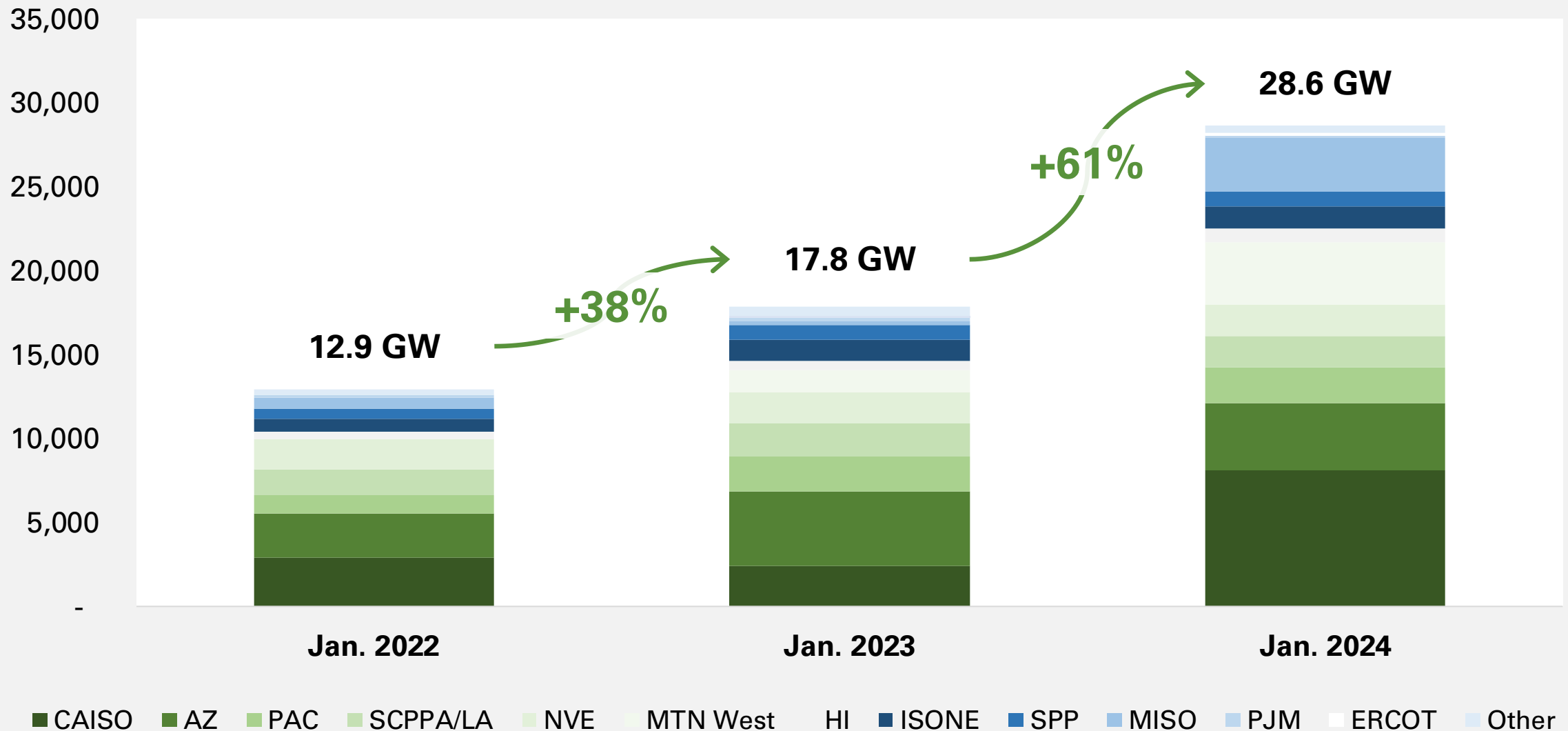
# Construction costs

## Price movements of key components rebased to one in January 2020



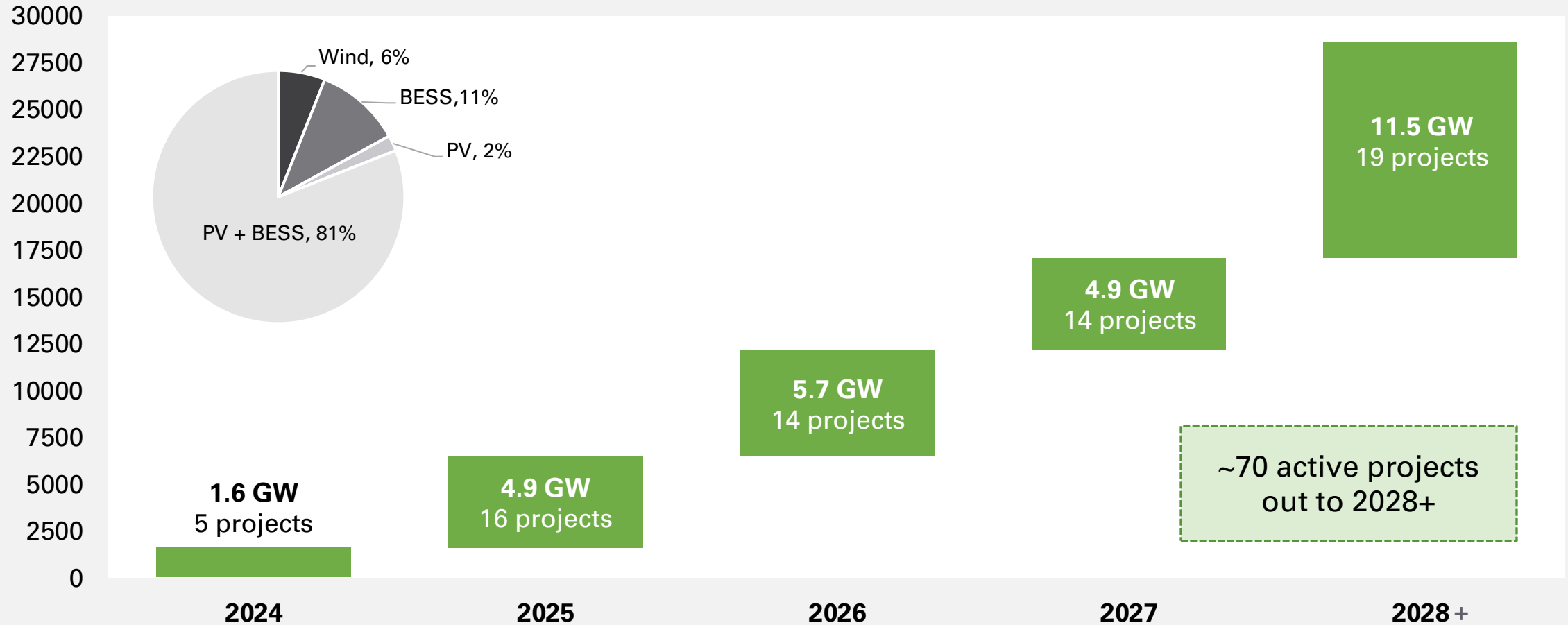
Source: BloombergNEF, Bloomberg Terminal. Note: Data rebased to 1 on earliest available date in January 2020. Shanghai-LA freight rates used, steel reflects North America costs, while aluminium and copper are China prices - more details as well as Bloomberg Terminal tickers available in the Excel attached to the report. LiCO3 = Lithium carbonate, LiOH = Lithium hydroxide.

# Total pipeline growth – January 2022 to January 2024



# Pipeline breakdown by year (GW)

## Pipeline breakdown by project total MW and FNTTP year



# 2024-27 Plan candidate projects

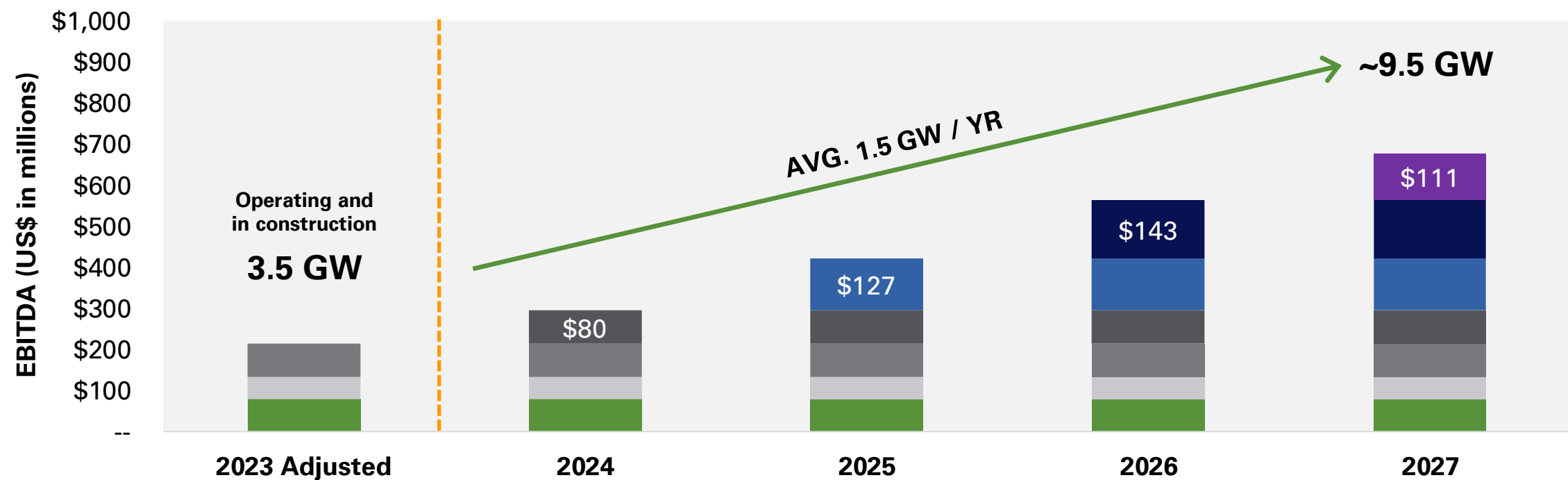
> 2.8 x Coverage to hit next 6 GW by 2027

|  | 2024                               | 2025  | 2026  | 2027   |
|--|------------------------------------|---|---|--|
| <b>GW under active development</b>             | 1.6                                | 4.9   | 5.7   | 4.9  |
| <b>Number of projects</b>                      | 5                                  | 16  | 14  | 14   |
| <b>Yearly target (GW)</b>                      | 1.5                                | 1.5   | 1.5   | 1.5  |
| <b>Implied coverage</b>                        | <b>1.1x</b>                        | <b>3.3x</b>   | <b>3.8x</b>   | <b>3.3x</b>  |
| <b>Revenue contracts signed or negotiating</b> | 1.6                                | 1.3   | 0   | 0  |
| <b>Regional diversity</b>                      | SPP<br>AZ<br>CAISO<br>SCPPA<br>PAC | MISO<br>CAISO<br>PJM<br>SCPPA<br>HI<br>AZ<br>ISONE<br>PAC<br>MTN West | SCPPA<br>CAISO<br>AZ / PJM<br>MISO<br>ERCOT<br>MTN West | HI<br>MISO<br>MTN West<br>PAC<br>AZ<br>ISONE<br>NYISO<br>SCPPA |



# 9.5 GW and US\$600m+ Opco run-rate EBITDA by 2027

## Longroad project run-rate opco EBITDA



Note: 2023-2027 project run-rate EBITDA calculated based on 5-year average EBITDA once projects hit COD and recognized in run-rate EBITDA total based on FNTF year

| 2024 projects |  | 2025 projects |  | 2026 projects |  | 2027 projects           |  |
|---------------|--|---------------|--|---------------|--|-------------------------|--|
| EBITDA        |  | EBITDA        |  | EBITDA        |  | EBITDA                  |  |
| 4 projects    |  | \$80          |  | 5 projects    |  | ~1.5 GW/yr average plan |  |
| Total         |  | \$80          |  | Total         |  | ~\$106 avg.             |  |

# Funding 2024-27 growth (US\$8B/6 GW)

Sources

Funded until mid-2025, absent an acceleration

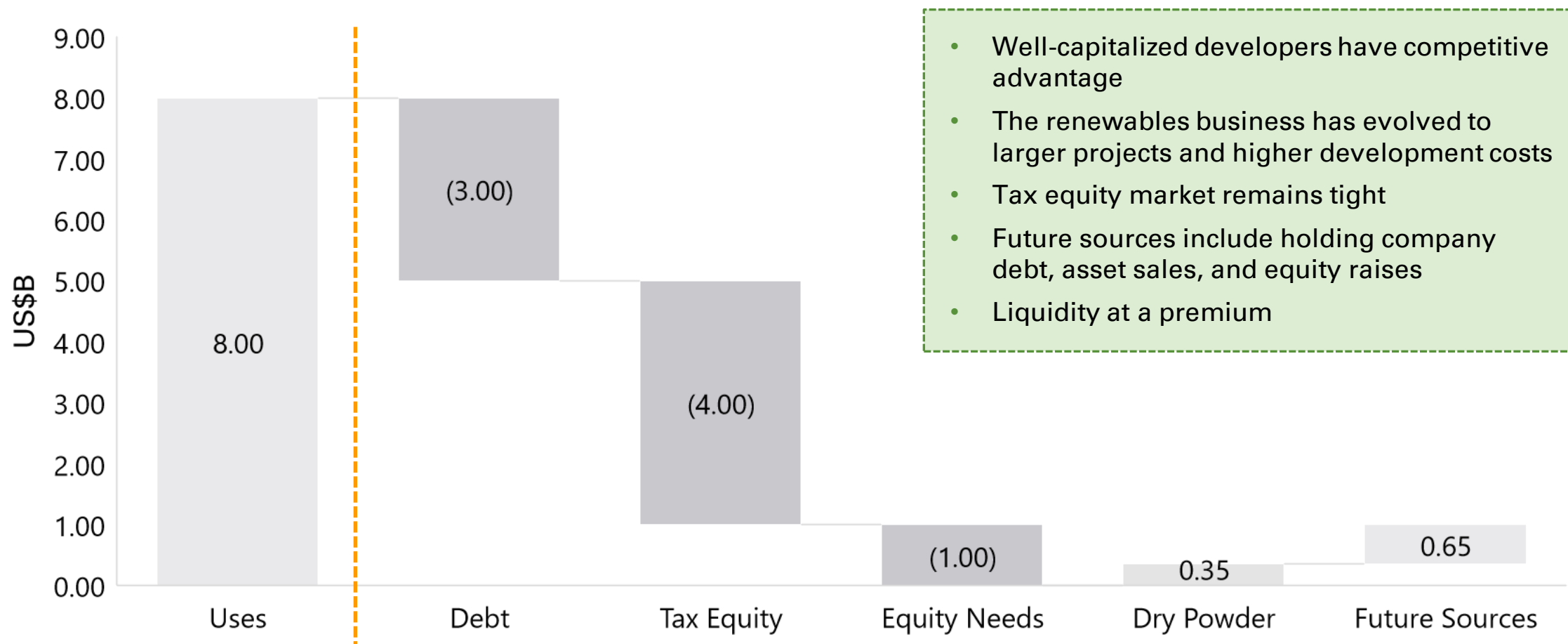






Photo by Nolan Hartleben

# Questions?





# Infratil Investor Day

5 March 2024

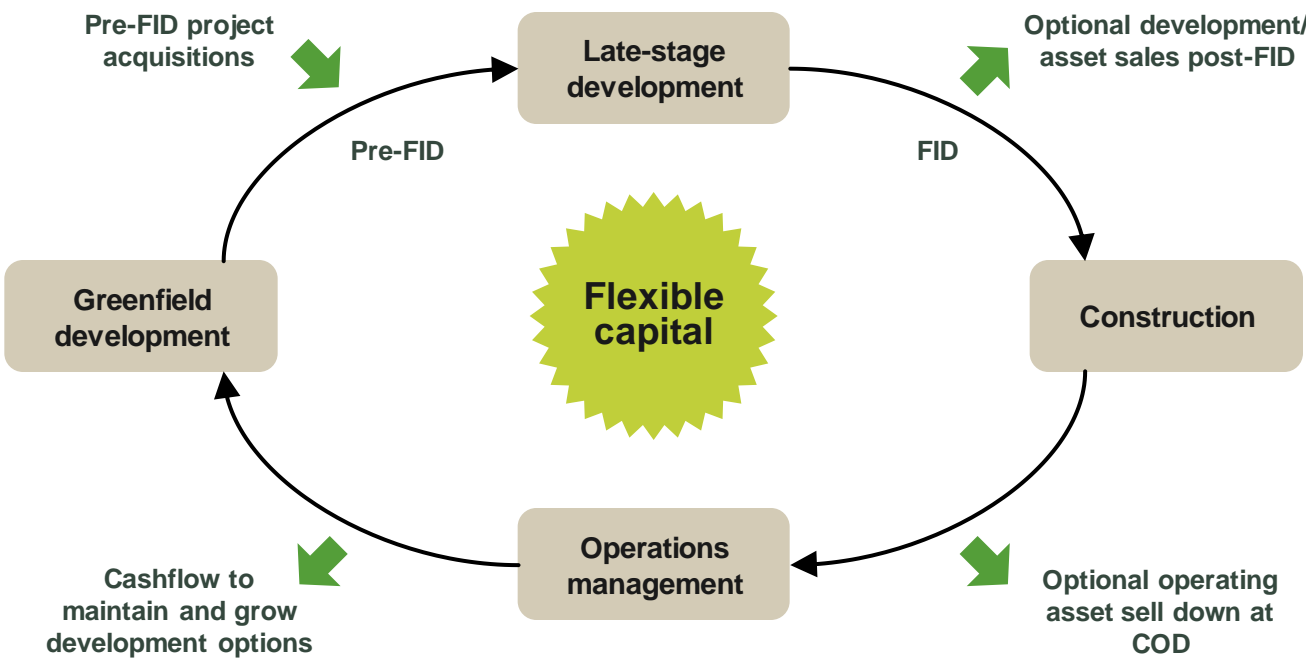
Assaad Razzouk, Chief Executive

# Gurīn Energy: thesis at inception in July 2021

## Renewables in Asia

## Flexible capital Asian development platform

- **Large and growing market.** World’s largest growing electricity demand with power consumption expected to grow an average of 3.5% annually over the next 10 years\*
- **Significant energy importer.** Asia imports nearly 40% of its energy on average\*\*
- **Growing decarbonization agenda.** Asia (ex-China) was (then) forecast to add 500GWs of renewable energy and storage across the next decade
- **Regional diversification** helps to mitigate and diversify regulatory and market risks
- **Widely varied markets** developing renewable energy each at their own pace and in line with their own local dynamics



With flexible and evergreen capital, we optimise our portfolio by moving swiftly to seize opportunities across the full lifecycle of project development

|           |               |          |                   |
|-----------|---------------|----------|-------------------|
| Pan Asia  | 2021          | US\$240m | Solar, wind, BESS |
| Geography | Year launched | Capital  | Technologies      |

Source: \*Fitch Solutions, \*\*IEA



# Significant market developments came hard and fast



**Singapore**  
October 2021

Singapore announces plans to import up to 4 GW of low-carbon electricity, equivalent to 30% of its total supply, by 2035



**Thailand**  
May 2022

Thailand announces major round of renewable energy auctions

- First auction in 2022 (5.2 GW)
- Second auction expected in 2024 (3.66 GW)



**Philippines**  
March 2023

The Philippines announces its own round of 11 GW renewable energy auctions

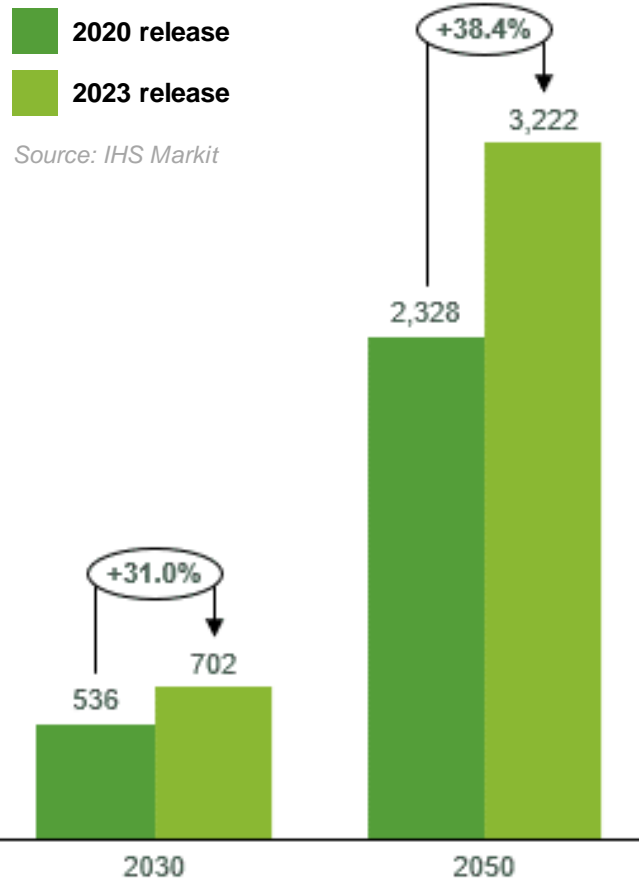


**Japan**  
March 2023

Japan announces \$50b grid expansion master plan with peak load to be largely managed by solar and wind power.








Japan's balancing market launches critical new products in 2024, including the new Long-Term Decarbonisation Auction for 20-year capacity payments.

**Forecasted Asia (ex-China)  
renewables capacity additions (GW)**  
(Comparison to pre-establishment of Gurīn)




# Result: ambitious net zero and RE targets across the region

Region requires US\$120bn per year for the next 30 years in new renewables across Asia (Ex China)\*

| Credit rating**  | AAA<br>(168%)   | AA<br>(49.6%)  | A-<br>(264%)  | BBB-<br>(86.5%)   | BBB+<br>(61%)   | BBB<br>(40%)  | BBB+<br>(61%)   |
|--|---|--|---|---|---|---|---|
|  |  |  |  |  |  |  |  |
| GDP (USD b)*   | Singapore<br>\$467  | South Korea<br>\$1.7   | Japan<br>\$4.2  | India<br>\$3.4  | Thailand<br>\$495   | Indonesia<br>\$1.3  | Philippines<br>\$404  |
| Net zero target  | 2050  | 2050   | 2050  | 2070  | 2065  | 2050  | NA  |
| RE target (includes solar, wind and others) <sup>1</sup> | 18GW<br>by 2030   | 108GW<br>by 2036   | 169GW<br>by 2030  | 500GW<br>by 2030  | 29GW<br>by 2037   | 21GW<br>by 2030   | 60GW<br>by 2040   |
|  | +17GW   | +77GW  | +48GW   | +337GW  | +17GW   | +9GW  | +52GW   |
| Installed RE capacity<br>in 2022 (GW) <sup>2</sup>       | 0.8   | 31.1   | 121.5   | 163.0   | 12.2  | 12.6  | 7.7   |


Sources: <sup>1</sup> Various public sources and management analysis, <sup>2</sup> IRENA Renewable Energy Statistics, \*GDP: Trading Economics, \*\*Credit ratings: S&P, Government Debt to GDP: Trading Economics

# Our flexible business model allows us to deliver a rapid, effective response




**Singapore**

Set up a consortium, which we majority-own, with Gentari; submitted a bid to **import 300 MW of non-intermittent renewables** from Indonesia in 2022; received conditional approval in 2023




**Japan**

Announced development of **500 MW BESS** project in co-operation with Toshiba Mitsubishi-Electric Industrial Systems and Nippon Koei




**South Korea**

Executed push into Jindo Province to develop **300 MW** of solar projects



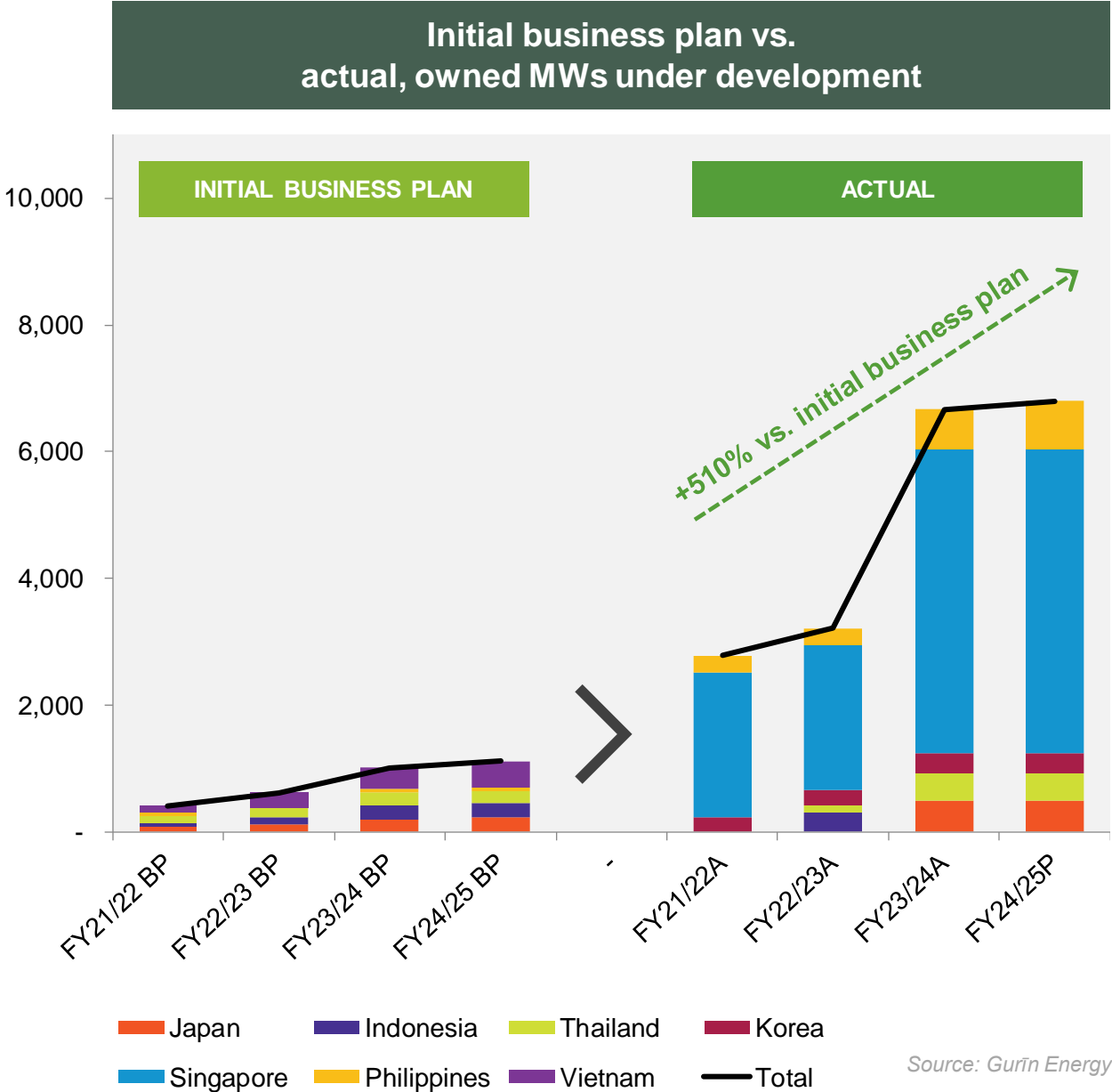
**Thailand**

Entered into a joint venture with WHA Group; submitted winning bids for **128 MW** of solar power and developing another **300 MW** for the next auction



**Philippines**

Gurin decided not to participate in the auction. We continued to develop a **target 1GW pipeline** (land controlled) of projects focussed on entering into PPAs with leading off takers



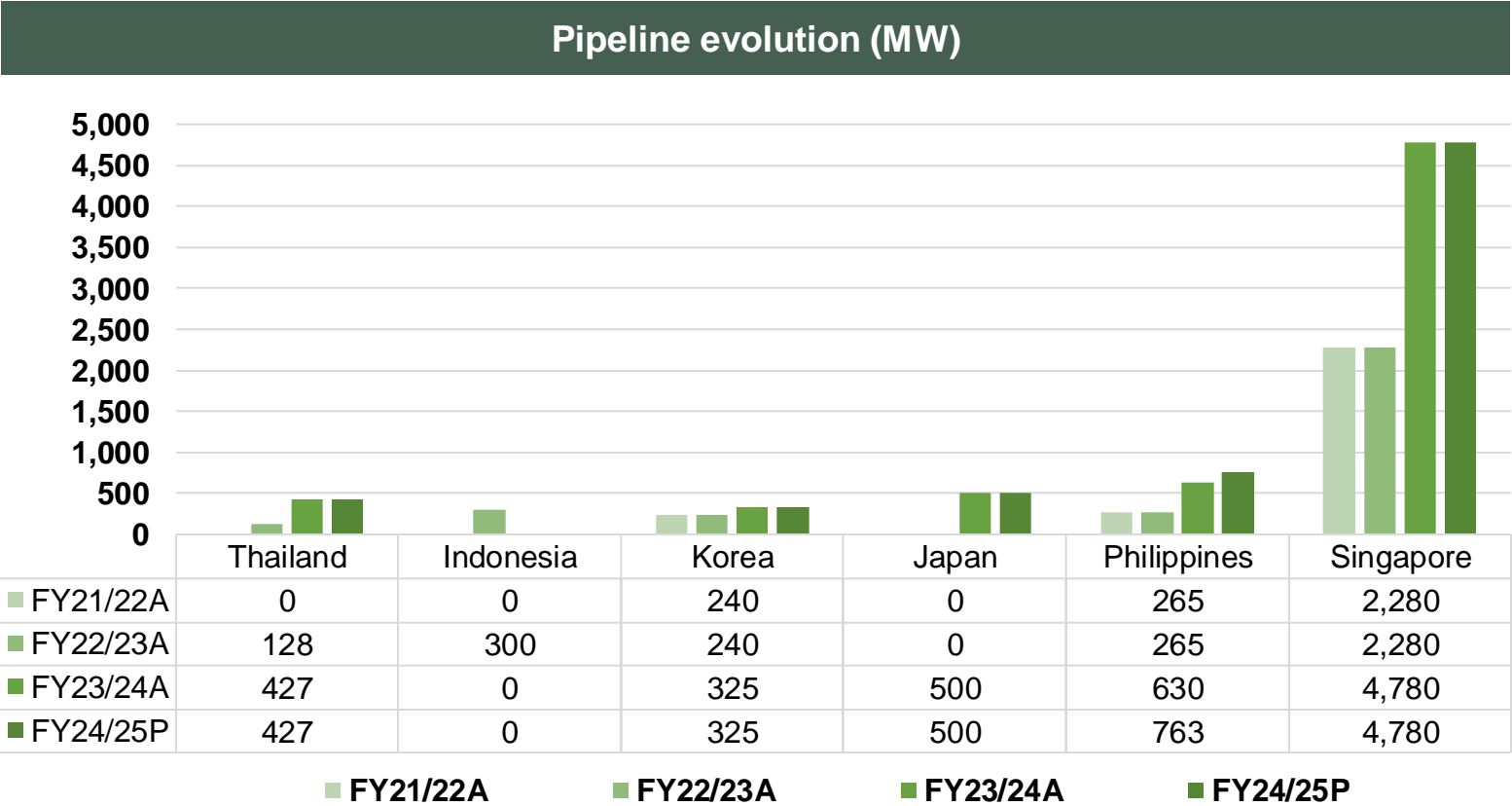
# Key portfolio characteristics

Several markets could significantly out-perform.  
We are making sure we are ready.

- Focus on **greenfield** projects
  - Opportunistic build v. sell approach enabled by flexible capital
- First **FID**: March 2023
- First **operating project**: Q3 2024
- **Diversified** across 6 key markets
- **Selective joint venture strategy**, with Gurin seeking to keep majority interests
- Stable **long-term offtake** agreements

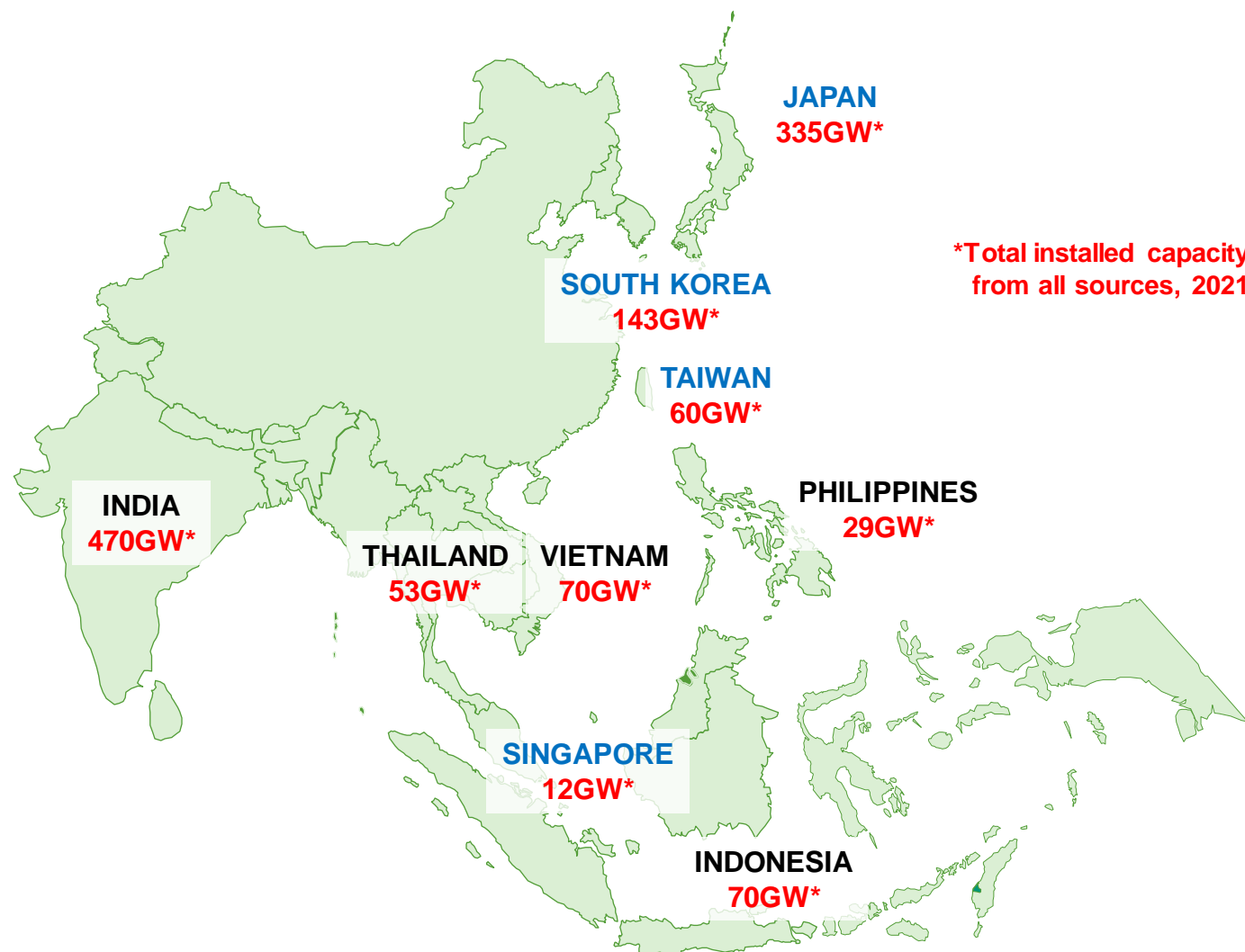
| Country   | PPA tenors  |          |
|---|-------------|----------|
|    | Thailand    | 25 years |
|    | Philippines | 20 years |
|    | South Korea | 20 years |
|    | Singapore   | 20 years |
|  | Japan       | 20 years |
|  | Indonesia   | 20 years |

Source: Gurin Energy









# Gurīn is focused on deploying capital 51% or more to high-income countries and up to 49% to Asian countries

- Portfolio diversification across:
  - Countries
  - Currencies
  - Political risk
  - Interest-rate risk
  - Regulatory risk
- Markets open (and sometimes close) for renewables at different times and we adapt accordingly



Sources: IEA and management analysis

# Gurīn today: 67 professionals, 6 countries, 6.6 GW under development

|   |             | 6,662 MW                          | 3,670 MW                                  |                                  |                                  |
|---|-------------|-----------------------------------|---|----------------------------------|----------------------------------|
| Countries*  |             | Under development<br>FY23/24 (MW) | Installed target capacity<br>by FY29 (MW) | Market RE<br>energy target (GW)* | Market RE capacity<br>(GW) 2022* |
|    | Singapore   | 4,780                             | 1,335                                     | 18GW by 2030                     | 1                                |
|    | South Korea | 325                               | 325                                       | 108GW by 2036                    | 31                               |
|    | Japan       | 500                               | 500                                       | 169 GW by 2030                   | 122                              |
|    | Thailand    | 427                               | 427                                       | 29 GW by 2037                    | 12                               |
|    | Indonesia   | -                                 | 300                                       | 21GW by 2030                     | 13                               |
|  | Philippines | 630                               | 783                                       | 60GW by 2040                     | 8                                |

- Our 6,662 MW capacity equates to **4,374 MW net** owned by Gurīn, after taking into account our partners' interests
- Continuously monitoring the India, Vietnam and Taiwan markets. While the approach to Vietnam and Taiwan is opportunistic, the approach to India is being co-ordinated with Morrison

\*Source: IRENA, Gurīn Energy



# Project highlight: Vanda RE

Ground-breaking infrastructure project to deliver 300MW of non-intermittent renewables to Singapore, by combining 2 GW of solar PV capacity with 4,428 MWh of BESS

Project has secured conditional approval from Singapore to import low-carbon electricity from Indonesia

- 1

**Favourable macroeconomic and political tailwinds** in both Singapore and Indonesia

  - Strategic MOUs signed by the governments of Indonesia and Singapore that align the long-term interests of both countries
  - Indonesia continues to export energy, Singapore diversifies away from dependency on imported gas
- 2



Massive **foreign direct investment of US\$ 50 billion into Indonesia** makes the project a “must have” (Vanda RE’s investment, plus that of the other 4 consortia with conditional approval from Singapore, plus supply chain-related investments into Indonesia)
- 3

**Creditworthy off-takers** with SGD-based long-term contracted revenues
- 4

**Trusted partnership with leading vendors** to drive construction and operational efficiency
- 5

**Highly bankable** with a wide range of institutions (commercial banks, multilateral and development organisations) providing competitive financing terms well in excess of the US\$ 2.5 billion required to develop the project

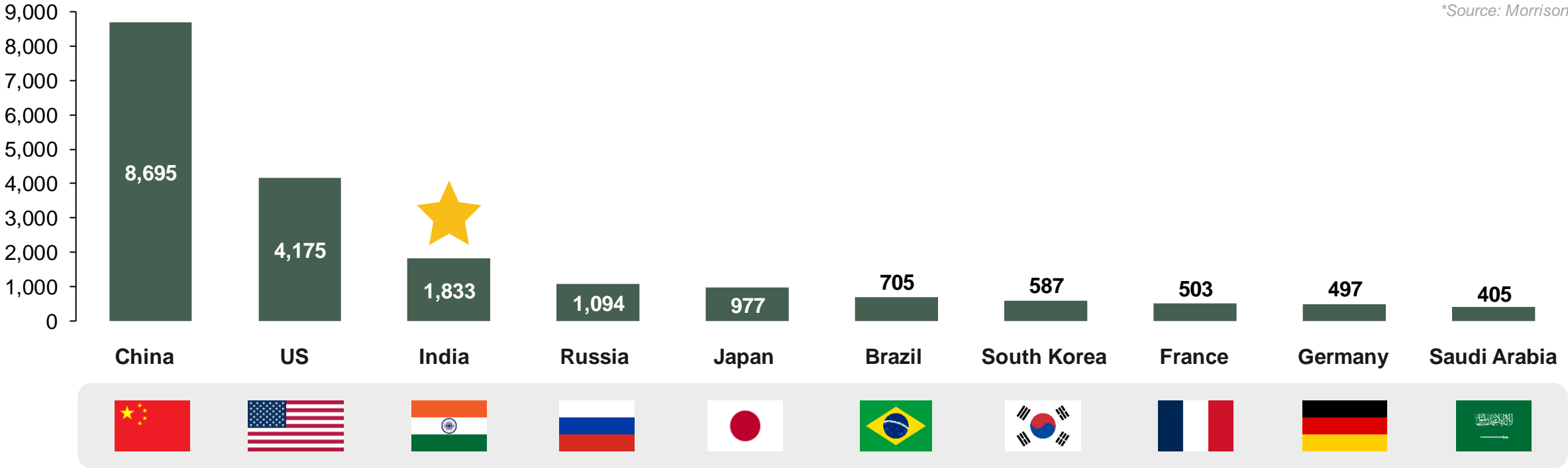
## Project timing

|   | Phase 1     | Phase 2     | Phase 3     |           |
|---|-------------|-------------|-------------|-----------|
| Construction  | 1 Jan 2025  | 1 Jan 2028  | 1 Jan 2029  |           |
| Operational commencement  | 31 Dec 2027 | 31 Dec 2028 | 31 Dec 2029 |           |
|  | 680 MW      | 620 MW      | 680 MW      | 1,980 MW  |
|  | 1,522 MWh   | 1,386 MWh   | 1,520 MWh   | 4,428 MWh |



# Country highlight: India, in a league of its own

- **Forecast to add more renewables this decade than the rest of our markets combined**
  - Third largest installation of renewables behind China and the US
  - Strong underlying energy demand growth
- **Positive reforms will likely fast-track growth**
  - Target of 50% non-fossil fuel-based electricity capacity by 2030
  - 50GW of clean energy tenders every year
  - Second corporate PPA market globally
  - US\$ 30 billion grid build out to accommodate renewables
- **Gurīn principals have over a decade of experience** navigating the complexity of the Indian market, with a pipeline of projects successfully developed, owned and sold



# Gurīn Energy's leadership team

- ✓ Deeply embedded in our individual markets
- ✓ Extensive development, construction and operations experience in-country and at headquarters
- ✓ Flexible team, able to adjust and adapt to market changes everywhere across the region
- ✓ Highly focused on the highest “ESG with integrity” standards



**BOB DRISCOLL**  
COO



**ASSAAD RAZZOUK**  
CEO



**MICHAEL BOARDMAN**  
CFO



**EMMA BIDDLES**  
MD, ESG



**ENDA GINTING**  
Country Manager,  
Indonesia



**FRANCK BERNARD**  
MD, Energy Storage  
& Flexibility



**GMELEEN TOMBOC**  
Deputy Chief  
Commercial Officer



**HANNAH KOH**  
Communications Director



**JEREMY ONG**  
MD, Operations



**KAJAL SINGH**  
Chief Commercial Officer



**MAYEN EKONG**  
General Counsel



**RATCHANEewan  
'NEUNG' PULNIL**  
Country Manager,  
Thailand



**REDEN GARCIA  
RODRIGUEZ**  
Country Manager,  
Philippines



**ROBERT MCGREGOR**  
Chief Corporate  
Development Officer



**SAM KOH**  
Country Manager, Korea



**STANLEY LIM**  
MD, Finance

# We integrate communities in everything we do



We operate to **international standards** that are higher than all country regulations / laws that we operate in

- > This increases our competitiveness: ensures we receive financing, aligns to our values, and best manages reputational risks

---

We're working **actively** with communities, everywhere we operate:

- > Objective: build long-term relationships with community in and around our projects
- > Stakeholder engagement 'playbook'
  - We first identify all relevant stakeholders (project-affected people) to proactively engage / consult / communicate with them depending on their needs / influence
  - This approach allows for active participation from all affected stakeholders
  - If people feel they've been heard, this builds trust and positive long-term relationships
  - Ongoing throughout the project, not just one-off
  - We don't do stand-alone corporate social responsibility or public relations – typically a series of one-off events that are not addressing the concerns the community may have in relation to our projects

---

**Dynamic** community management is critical to managing our “dry hole” and project risks

- > Over 30% of Gurin's team have ESG-linked compensation mechanisms built into their monthly salaries

Today, Gurīn is a rapidly growing renewables developer and operator in Asia, showcasing its capabilities alongside large players in the market

- **In-house greenfield development business model**
  - Scale to > 10 GW
- **High levels of diversification**
  - 6.6 GW of advanced development pipeline across 6 markets
- **Revenues anchored around long-term offtake agreements**
- **Targeting a steady-state average run-rate of 400 MW of FID projects / year**
  - FY 23/24: 75 MW
  - FY 24/25: 38 MW
  - FY 25/26 (indicative): 880 MW



Zambales Solar Farm  
Luzon, Philippines

|                |                                  |
|----------------|----------------------------------|
| Capacity       | 75 MW                            |
| Equity size    | c. USD 19m                       |
| Bank financing | c. USD 41m                       |
| Offtaker       | Aboitiz Power (AAA, PhilRatings) |
| Cod            | Third quarter 2024               |

|           |               |          |                   |        |          |                |
|-----------|---------------|----------|-------------------|--------|----------|----------------|
| Pan Asia  | 2021          | US\$240m | Solar, wind, BESS | 67     | 6.6 GW   | 15-20% (USD)   |
| Geography | Year launched | Capital  | Technologies      | People | Pipeline | Target returns |





**Thank you**



# Wellington International Airport Limited

## Infratil Investor Day

March 2024



**Matt Clarke, Chief Executive**



**Business Overview & FY24 Outlook**

**Passenger Traffic**

**Regulatory Environment**

**Capex Plans**

**PSE5 Progress**

**FY25 Drivers**





# Wellington Airport Overview

Gateway to New Zealand's capital city and central region



Western Aviation Leases

Lyall Bay Retail Park & Investment Properties

Hotel

Retail & Advertising

Ground Transport Business

Logistics & Other Aero Leases

**~5.4m Annual Passengers (Estimate for FY24)**  
85% Domestic / 15% International

**+2.7% Average Passenger Growth p.a.**  
20 years pre-Covid FY00 – FY20

**Aeronautical Business ~55% Revenue**  
Airline charges set every 5 years

**Diverse Commercial Business ~45% Revenue**  
Retail, advertising, property, transport & hotel



# FY24 Outlook

Gateway to New Zealand's capital city and central region



## FY24 Forecast



Passengers 5.4m



Aero Revenue \$86 - \$88m



Commercial Revenue \$70 - \$72m



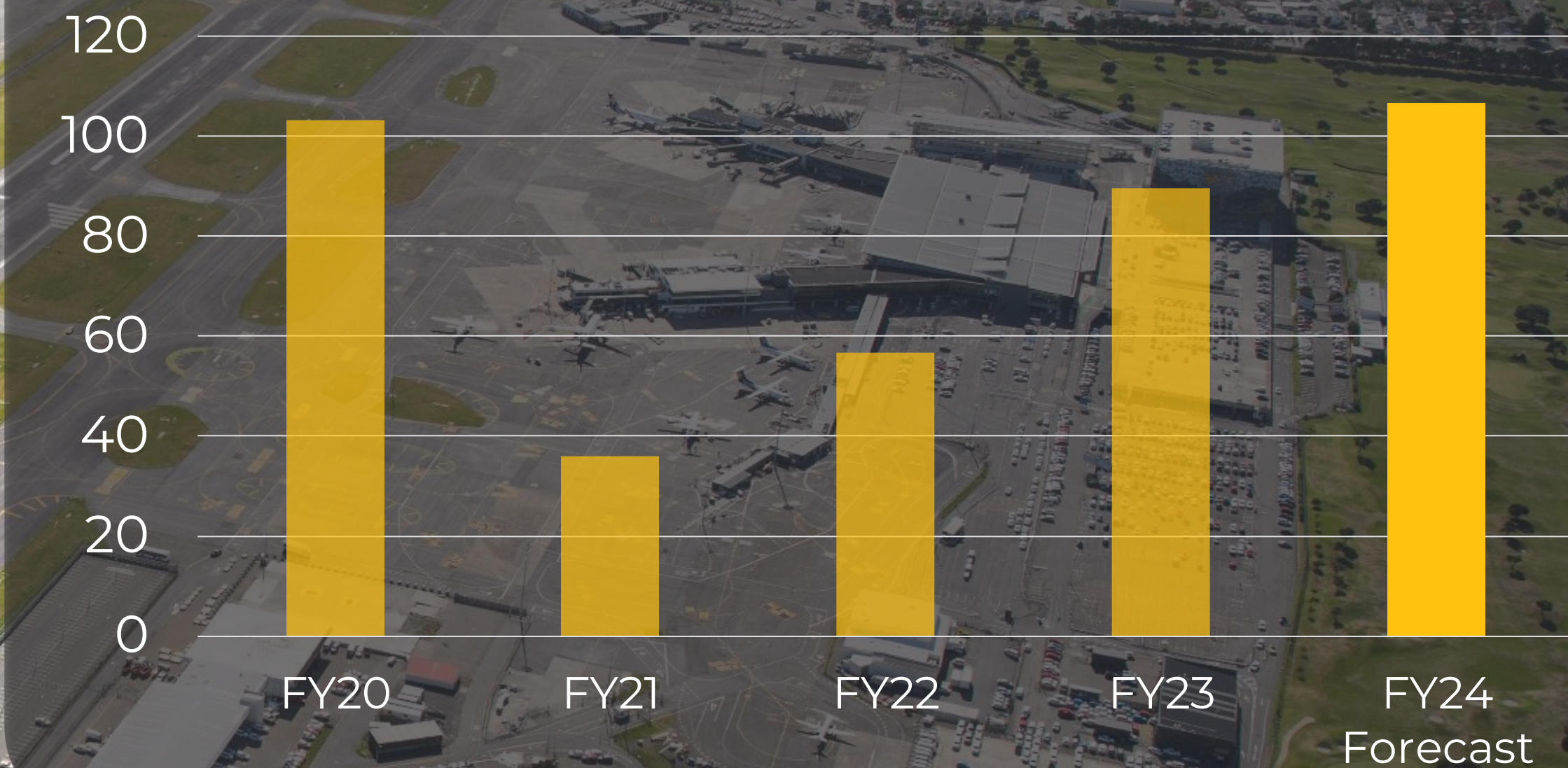
EBITDA\* \$106 - \$108m



Total Assets circa \$1.8bn

Financial figures are NZ\$.  
\* EBITDA is pre-subsidy payment.

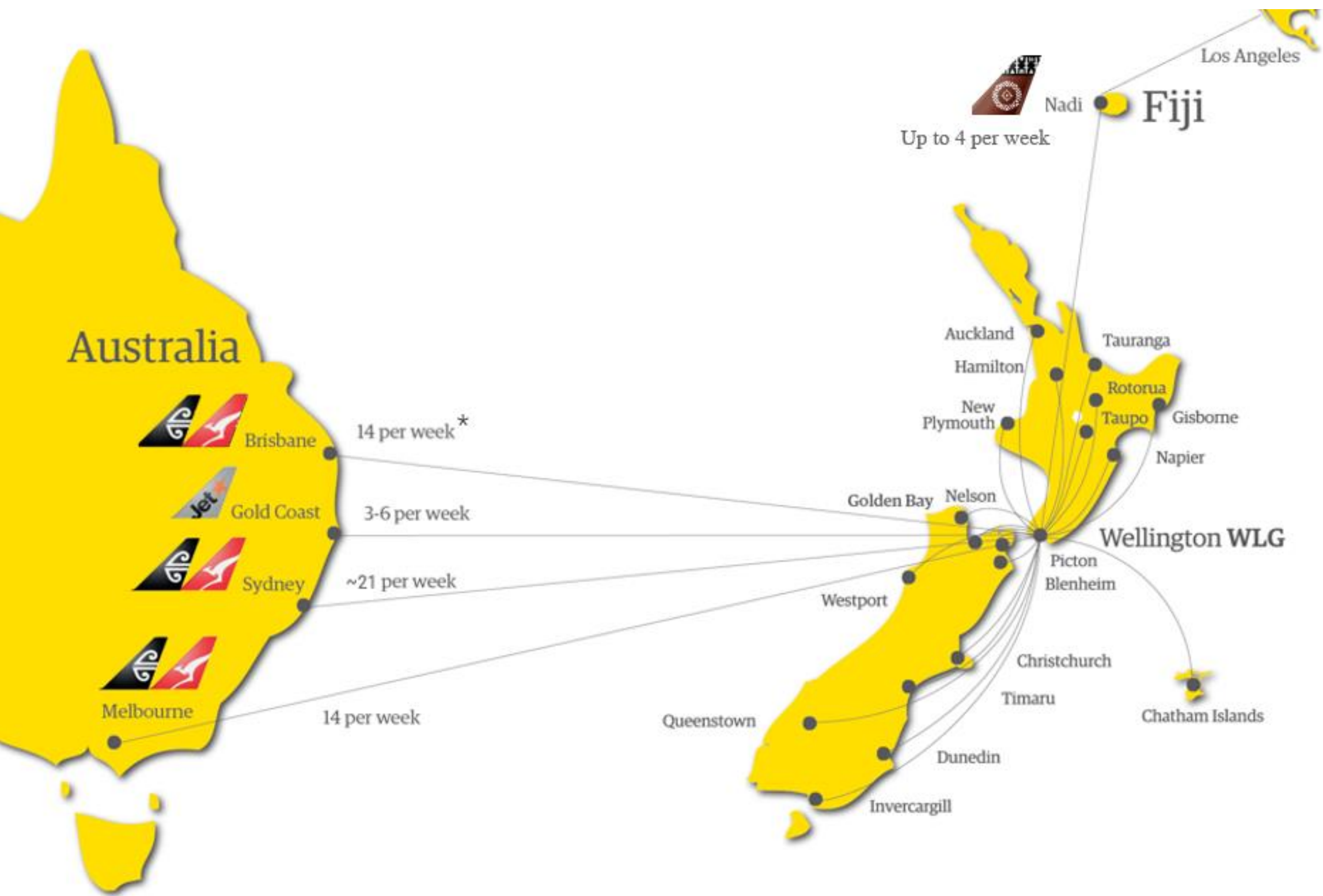
## EBITDA (\$m)





# Current Route Network

Domestic hub, trans-Tasman and Pacific services



## Domestic Daily Frequencies

|                 |     |       |
|-----------------|-----|-------|
| Auckland        | 20  | ● ●   |
| Blenheim        | 10  | ● ●   |
| Chatham Islands | 0.5 | ●     |
| Christchurch    | 11  | ● ●   |
| Dunedin         | 3   | ●     |
| Gisborne        | 2   | ●     |
| Golden Bay      | 1   | ●     |
| Hamilton        | 6   | ●     |
| Invercargill    | 2   | ●     |
| Napier          | 4   | ●     |
| Nelson          | 13  | ● ● ● |
| New Plymouth    | 3   | ●     |
| Picton          | 2   | ●     |
| Queenstown      | 3   | ● ●   |
| Rotorua         | 3   | ●     |
| Taupo           | 2   | ●     |
| Tauranga        | 5   | ●     |
| Timaru          | 2   | ●     |
| Westport        | 2   | ●     |

## International Weekly Frequencies

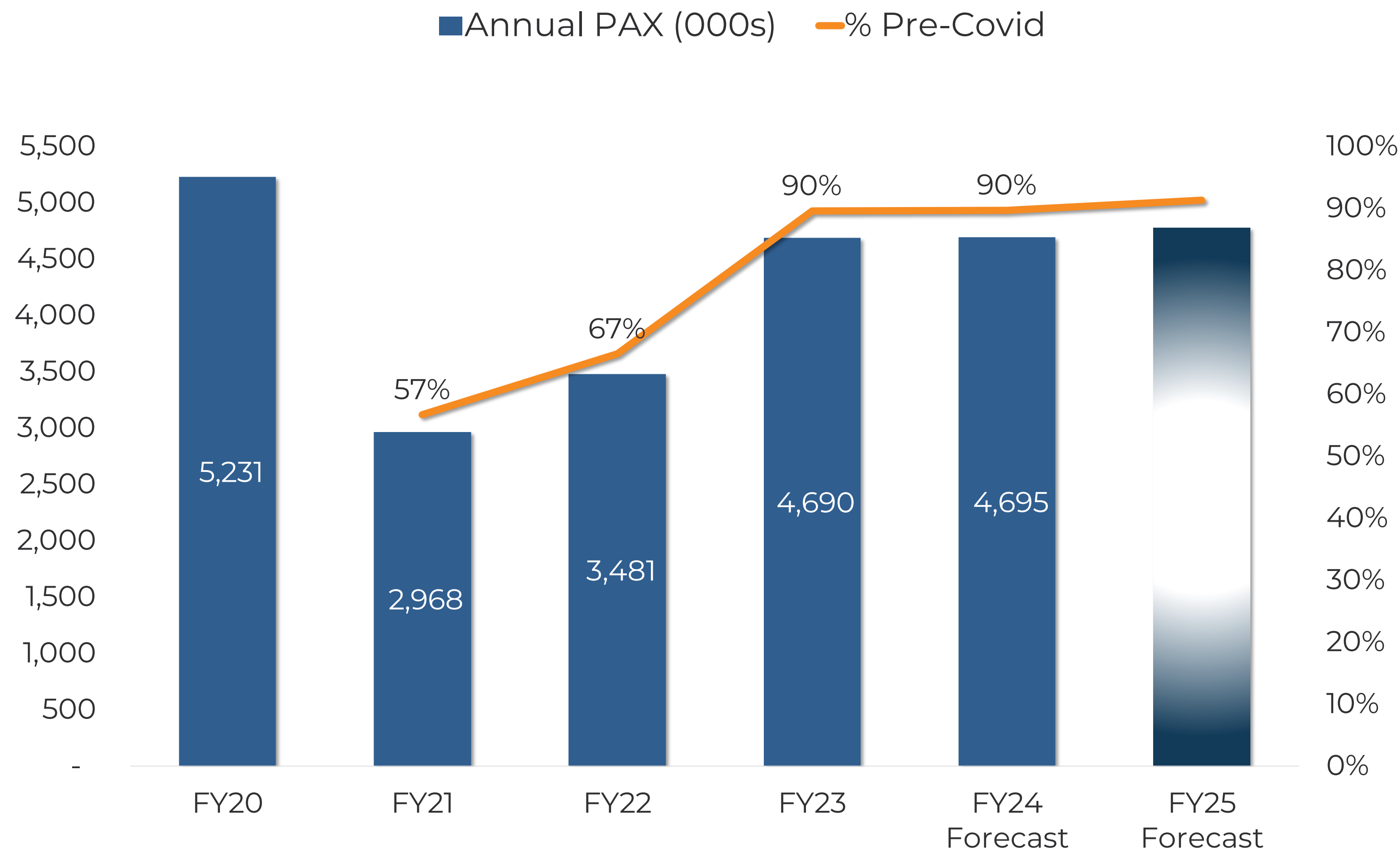
|            |          |     |
|------------|----------|-----|
| Brisbane   | 14       | ● ● |
| Fiji       | Up to 4  | ●   |
| Gold Coast | Up to 6  | ●   |
| Melbourne  | Up to 14 | ● ● |
| Sydney     | Up to 28 | ● ● |

## Airlines



# Update on Passenger Numbers

## Domestic



**AIR NEW ZEALAND**

- ~4m PAX
- 95% capacity recovery
- ~83% share

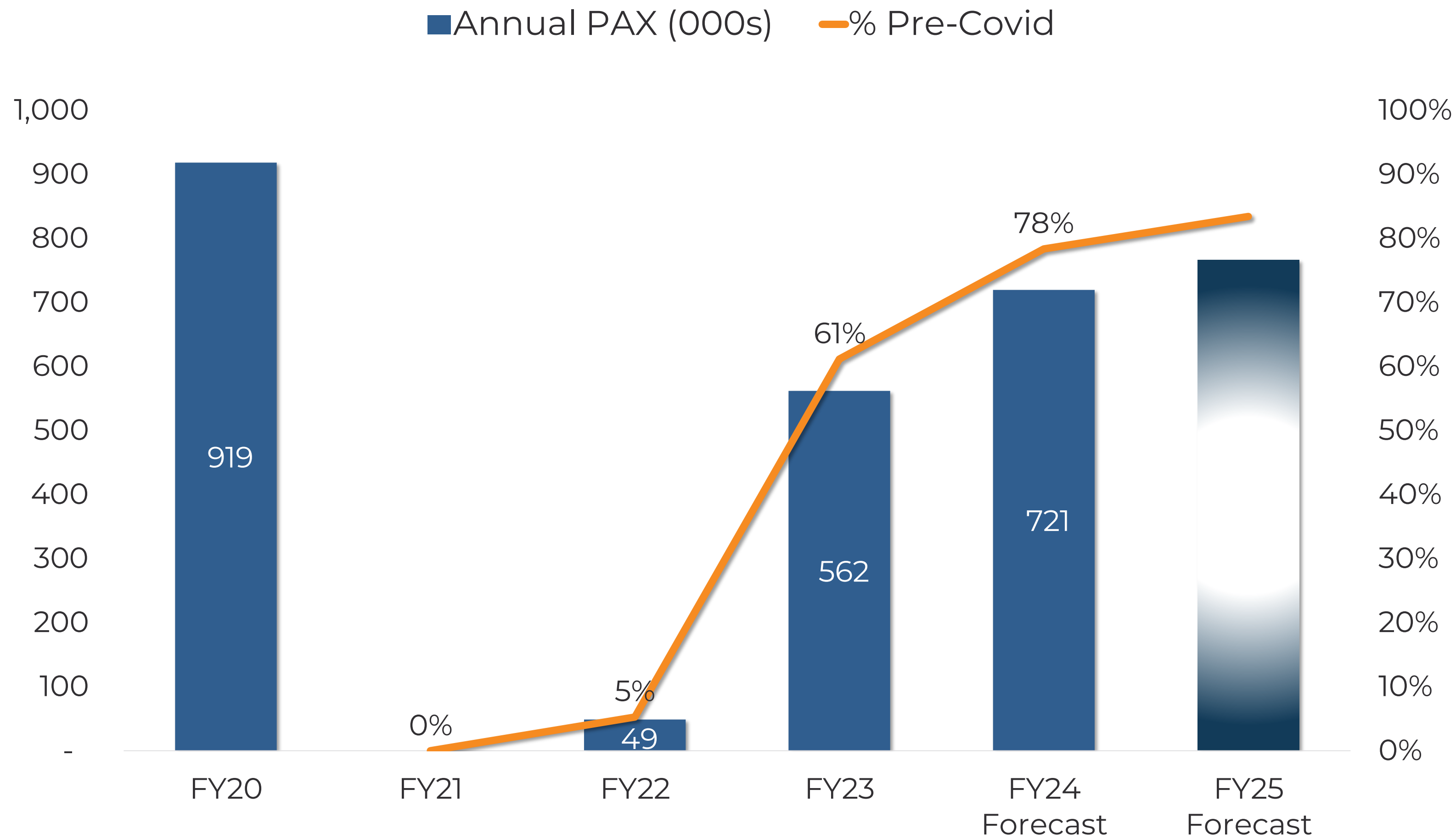


- ~700k PAX
- 77% capacity recovery
- ~15% share



# Update on Passenger Numbers

## International



- 120% capacity recovery
- ~49% share



**AIR NEW ZEALAND**

- 100% capacity recovery
- ~38% share



- 118% capacity recovery
- ~8% share



- 187% capacity recovery
- ~5% share



# Overview of Commercial Business

Diversified revenue streams contributing ~45% revenue



## Property

- Diversified rent roll - 150 tenancies ranging from campus leases and residential, logistics hub, beachfront restaurants and large format retail park.
- Ongoing expansion with acquisition of landholdings around airport, construction of new aircraft maintenance facility, regional transport hub and electric bus depot.

## Hotel

- 134 room 4-star hotel, restaurant and conference centre fully integrated with the airport terminal.

## Carparking & Transport

- A range of transport products offered from e-bike racks to valet parking.
- 3,500 public spaces available with at grade expansion availability.
- Concessions from taxis, rideshare, buses and rental cars.

## Retail & Advertising

- 30 retailers/concessionaires throughout the terminal.
- Duty Free, foreign exchange, advertising, food/beverage and specialty stores.





# Regulatory environment

IM Decision a significant progression from the draft



## 7 yearly review of NZ Commerce Commission Input Methodologies recently concluded

Draft decision contained several departures from the established methodology used to estimate Asset Beta and WACC.

The two primary changes in approach were:

- A shrinking of the airport comparator sample.
- Asset beta reduction to ‘correct’ for the covid shock.

Taking account of extensive submissions from New Zealand’s Airports, the Commission’s final decision produced an asset beta uplift to 0.67.

The NZ Airports Association, along with AKL, WLG and CHC have filed a merits review in the High Court.



|               | 2016<br>IMs | Draft<br>2023<br>IMs | Final<br>2023<br>IMs |
|---------------|-------------|----------------------|----------------------|
| Asset beta    | 0.60        | 0.55                 | 0.67                 |
| WACC post tax | 8.07%       | 7.81%                | 8.61%                |



## Thorough consultation process

- High levels of airline engagement
- Board of Airline Representatives invited into process

## PSE4 incorporated a passenger wash-up & deferral

- Aero revenue shortfall circa \$35m
- \$15.1m carry forward

## WACC uplift – 5.93% PSE4, >8% PSE5

## Opex under control

- Lowest cost per passenger in NZ
- Controllable costs per pax held flat in real terms since FY20

## Substantial focus on capital investment

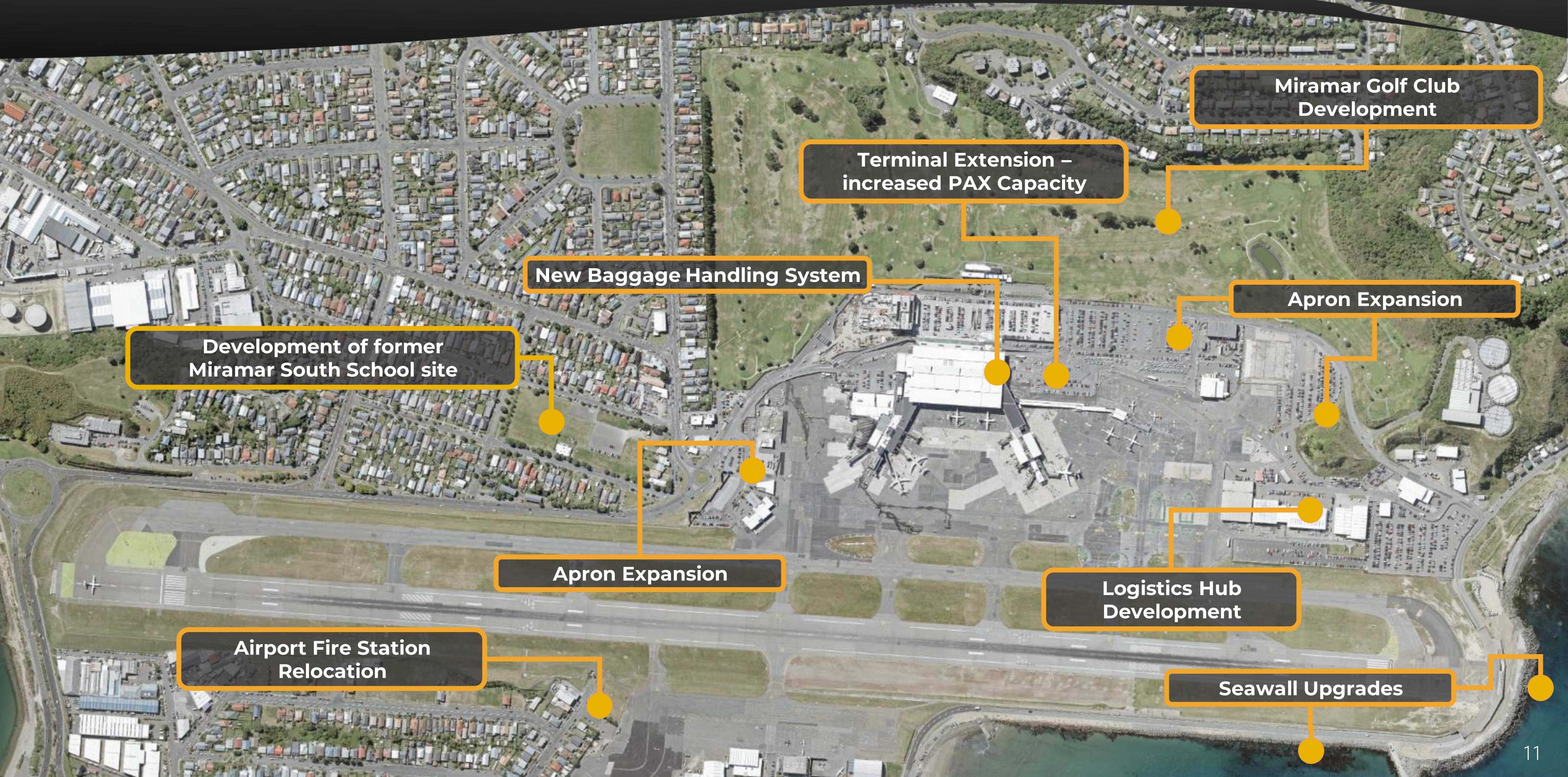
- Re-prioritisation of focus to align with requirements
- Master Plan review incorporating acquisitions and development rights





# PSE5 Capex

Collaborative airline engagement, campuswide development



**Miramar Golf Club Development**

**Terminal Extension – increased PAX Capacity**

**New Baggage Handling System**

**Development of former Miramar South School site**

**Apron Expansion**

**Apron Expansion**

**Logistics Hub Development**

**Airport Fire Station Relocation**

**Seawall Upgrades**



# Moving mountains

Pathway cleared to 12M apron/terminal configuration

WELLINGTON  
AIRPORT





# Seawall works

Structural upgrades to increase resilience





# Runway extension?

The goalposts have shifted

WELLINGTON  
AIRPORT



## Project Sunrise Research Flights





# No such thing as a free runway?

Technology has brought WLG closer to the world

WELLINGTON  
AIRPORT



## Up to 1.2t weight reduction

- \* Systems & structures optimization
- \* Increased used of advanced materials



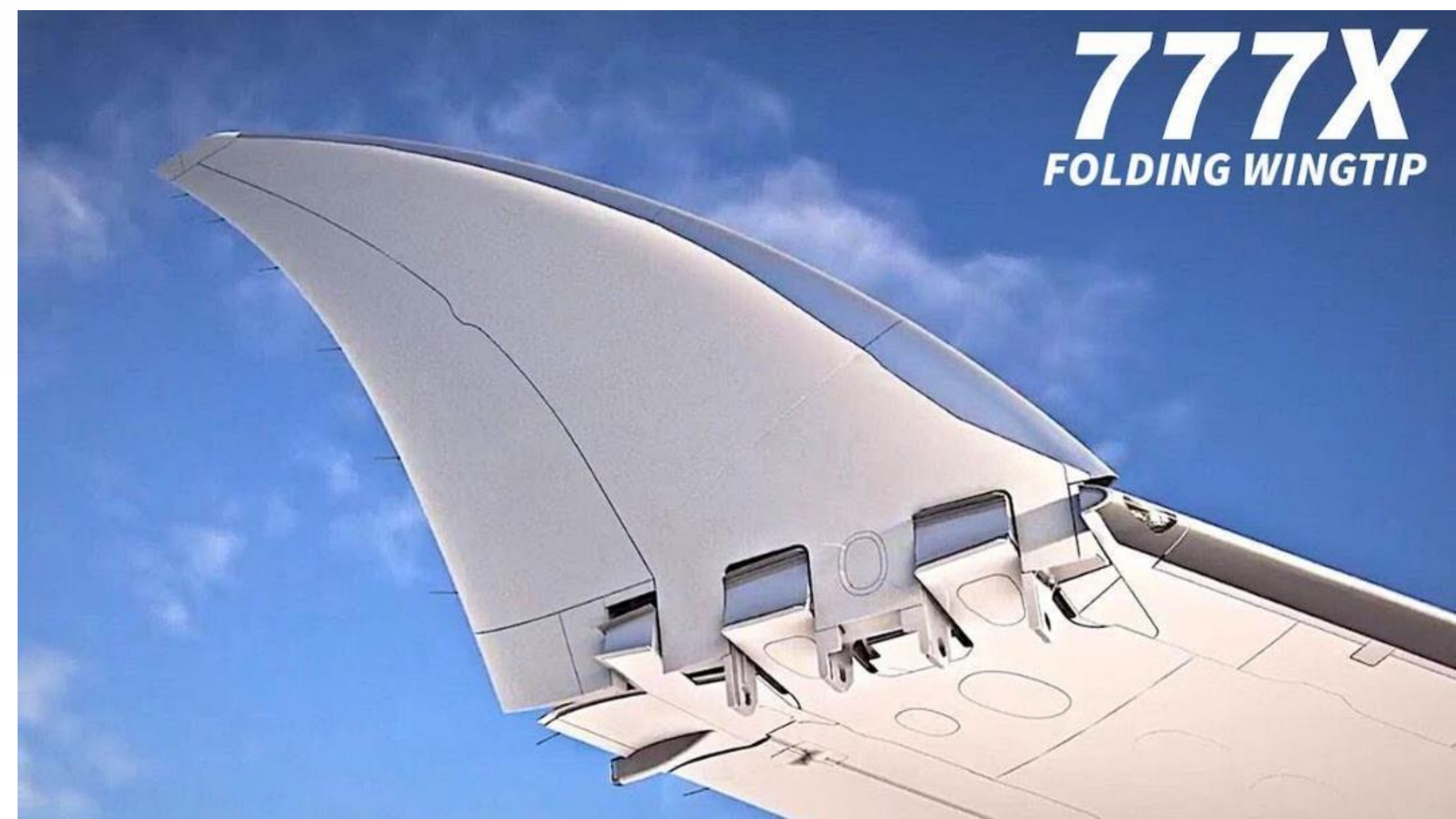
## Enhanced performance

- \* No physical changes to aircraft
- \* More payload at challenging airports



## 3t MTOW increase

- \* Additional range or payload
- \* The true #LongRangeLeader



**777X**  
FOLDING WINGTIP



# Sustainability update

Targeting net zero airport operational emissions (scope 1, 2 and staff travel) by 2030



## Airport Operational Emissions – Scope 1 & 2

Targeting net zero scope 1, 2 and staff travel emissions by 2030 and longer term ambition to be absolute zero by 2050. Seeking independent, science-based verification. Improving energy efficiency of assets and electrification of ground fleet.



## Scope 3 Emissions

Partnering with industry and airline partners to advance implementation of sustainable fuels/electric aircraft in Wellington. Member of Industry Advisory Board for Heart Aerospace.



## Airport Carbon Accreditation

Achieved Level 2 (Reduction) renewal under the Airport Carbon Accreditation programme and aiming to progress up the levels over coming years.



## Global Benchmarking

Alongside other airports/infrastructure assets under the GRESB framework. 2023 score of 96/100, 5<sup>th</sup> out of airports globally, and 85<sup>th</sup> of total 681 entities.



## Linking to Financing Strategy

\$100m of bank facilities transitioned to sustainability linked loans. Interest rates linked to performance against a suite of ambitious targets.



## NZ Climate Related Disclosures

New disclosures mandated from 2024, WIAL voluntarily made early disclosure in 2023.





# FY25 Drivers

Platform set for growth



Passenger Recovery



WACC Uplift



PSE4 Washup



PSE4 Revenue Deferral



PSE5 Capex Delivery

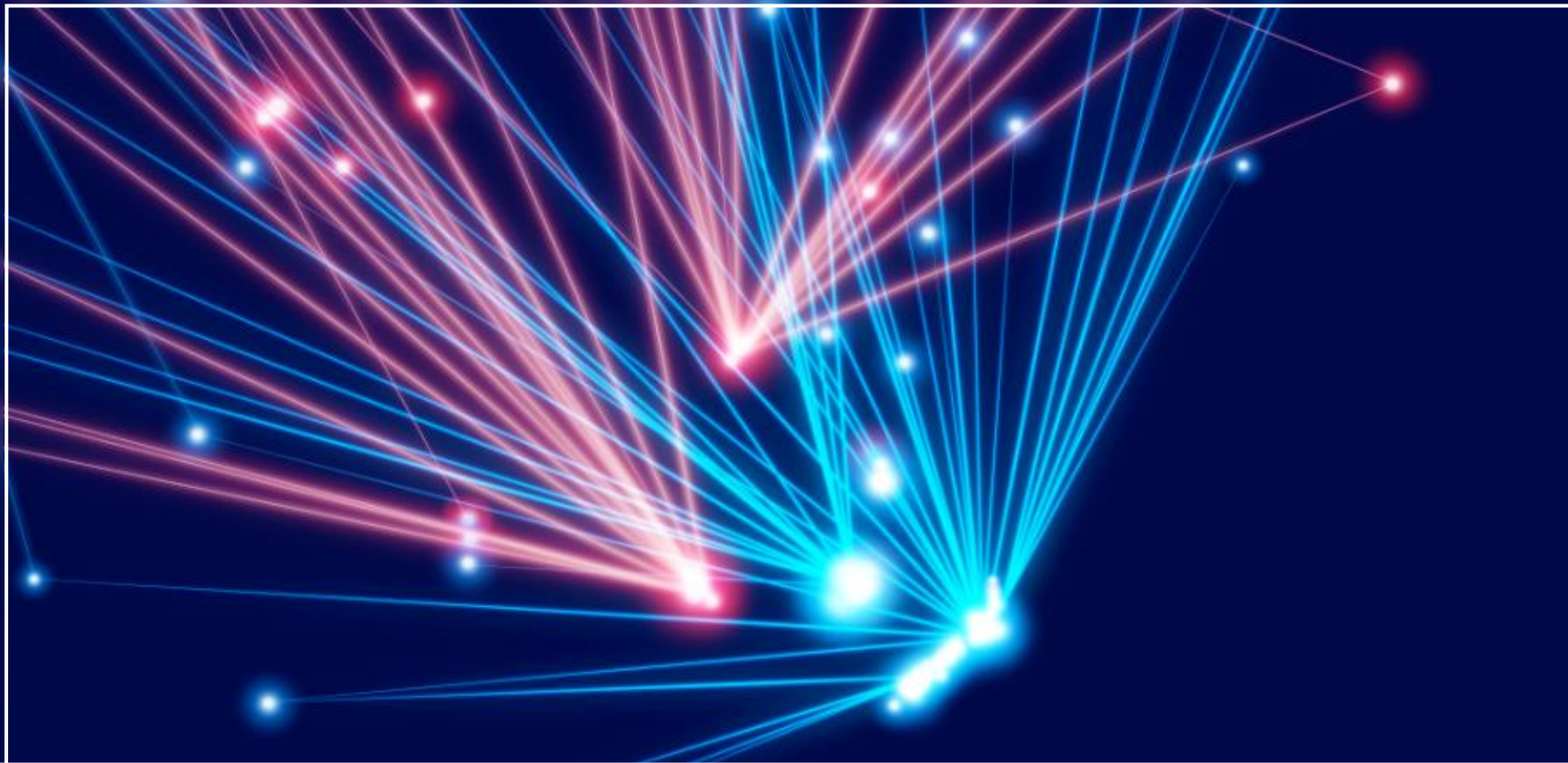








# Digital Infrastructure Update

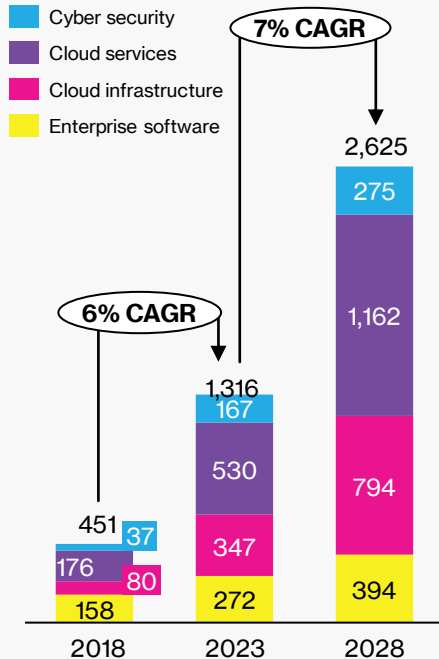


# Four Engines Driving Digital Demand

Cloud migration and consumer video not yet out of fuel, while AI and automation are starting to fire

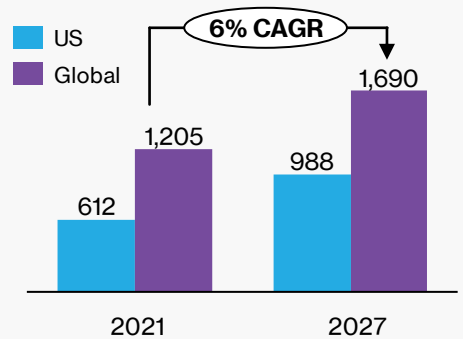
## Enterprise cloud migration and SaaS

Market size, 2023-2028, \$bn

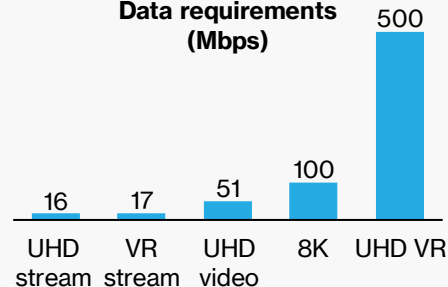


## Consumer video

SVOD subscribers US vs Global, million

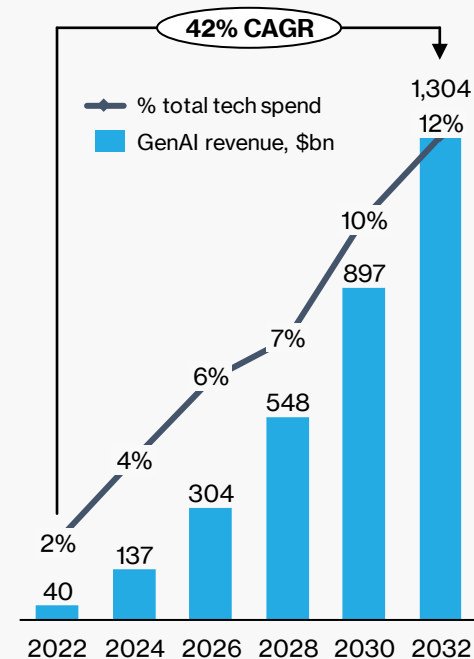


Data requirements (Mbps)



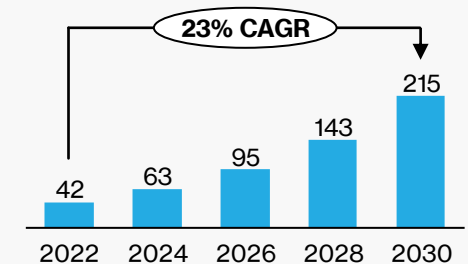
## Artificial intelligence

GenAI revenue forecast

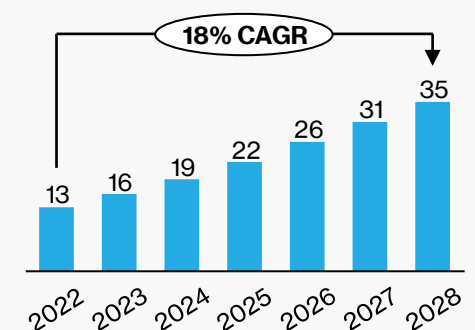


## Robotics and IoT

Robotics market size, US\$bn



# of IoT devices, billion



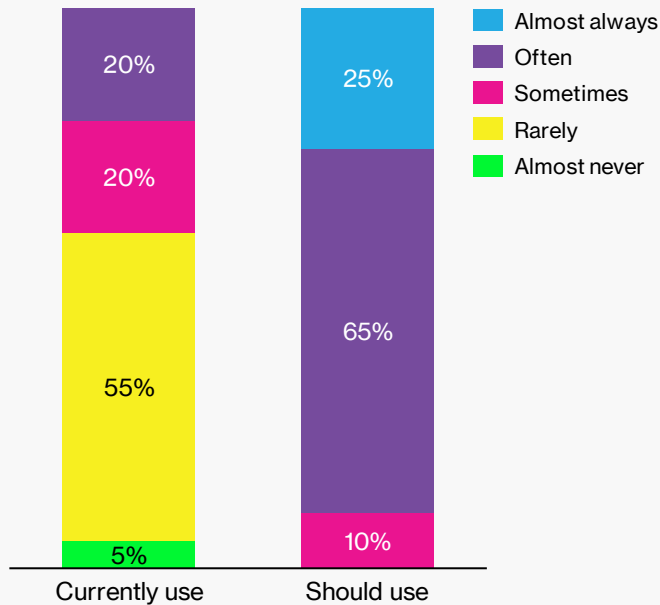


# An Eye On AI

## Buildout of product and interface layers will drive Gen-AI uptake

### Today, 'promise' is greater than 'practice' ...

Reported use of GenAI, currently use vs should use  
% of respondents at leading commercial organisations



### ... but massive investment in product development in '23...

**US\$50bn** total investments into AI startups

More than **70 rounds of \$100 million or more** went to startups creating models

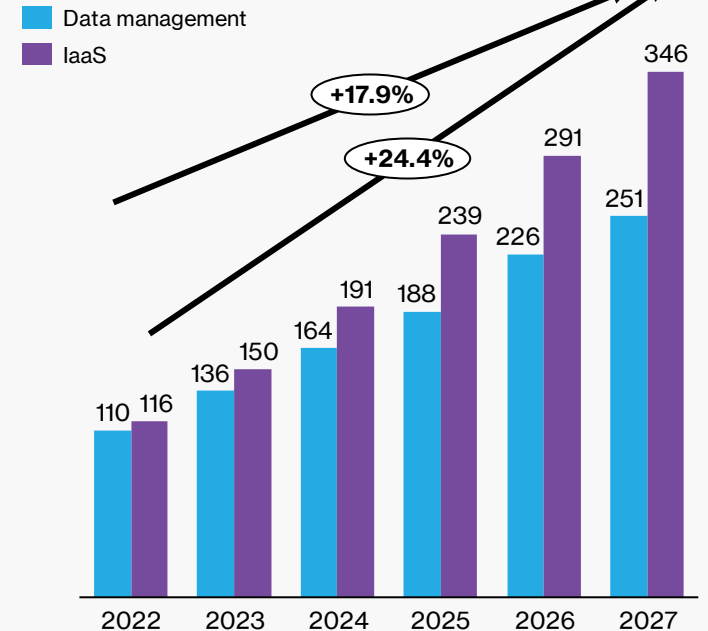
**Microsoft invested \$10bn** into OpenAI in Feb 2023

**Google's \$2bn<sup>1</sup> and Amazon's \$4bn** announced investment into Anthropic

**Sam Altman raises \$7tn?**  
Some projections look optimistic, despite the boom

### ... and as new AI products are adopted, complementary services and adjacent business models flourish

Global data management and Infrastructure as a Service (IaaS) spend, US\$bn



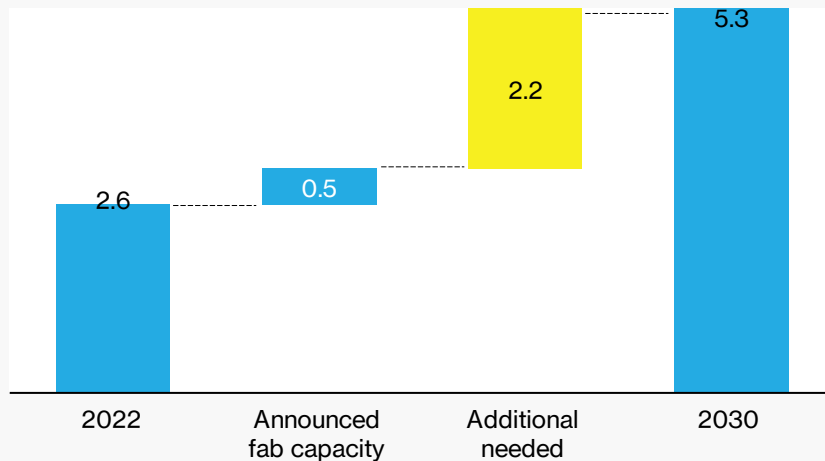
# Physical Infrastructure Implications: Chips

Gen-AI will shape demand for physical infrastructure

## Massive production need

### Fabrication capacity needed, US only, million WSPM

WSPM: measurement of output of a semiconductor plant (fab)

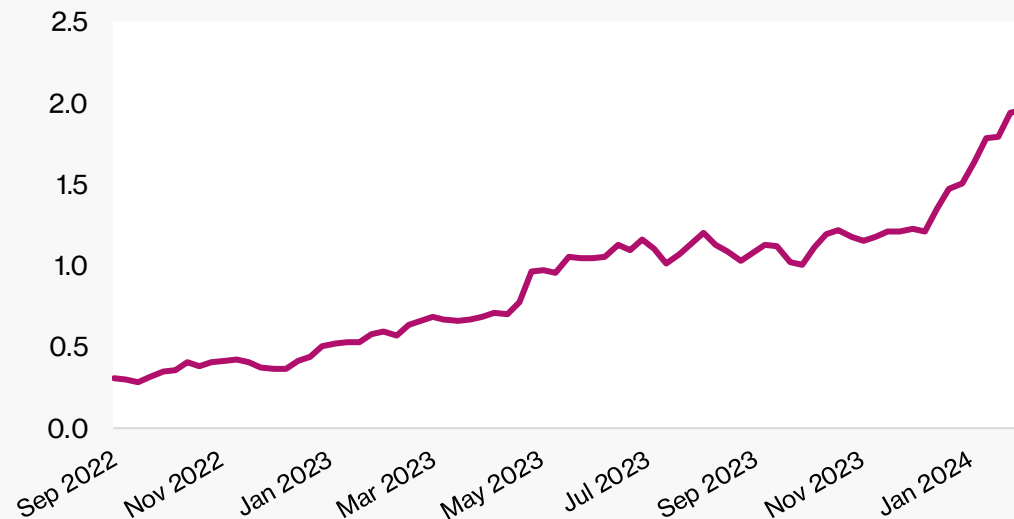


### AI chips shortage is expected to persist for ~18 months

Hyperscalers stockpiling AI chips, e.g. Meta will own 340,000 H100 chips by end of 2024

## Digital gold

### Nvidia market capitalisation, US\$tn



### \$2tn market cap ... the 4<sup>th</sup> most valuable company

One day gain of \$277bn on 22 February post Q4 results announcement ... adding more to market cap than the value of Coca-Cola or Bank of America

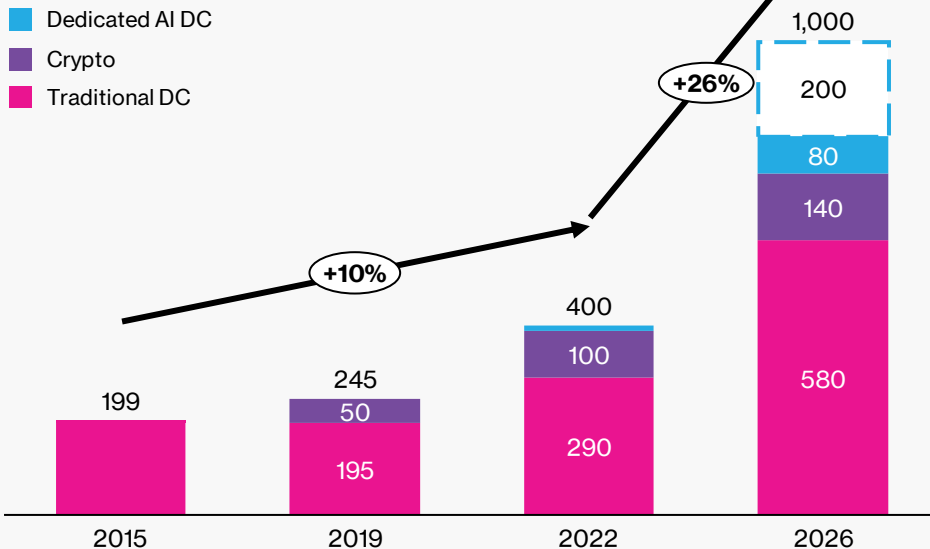


# Physical Infrastructure Implications: Energy

Digital and Energy infrastructure increasingly entwined

## Energy efficiency improvements slowing, DC energy consumption to double in the next 5 years

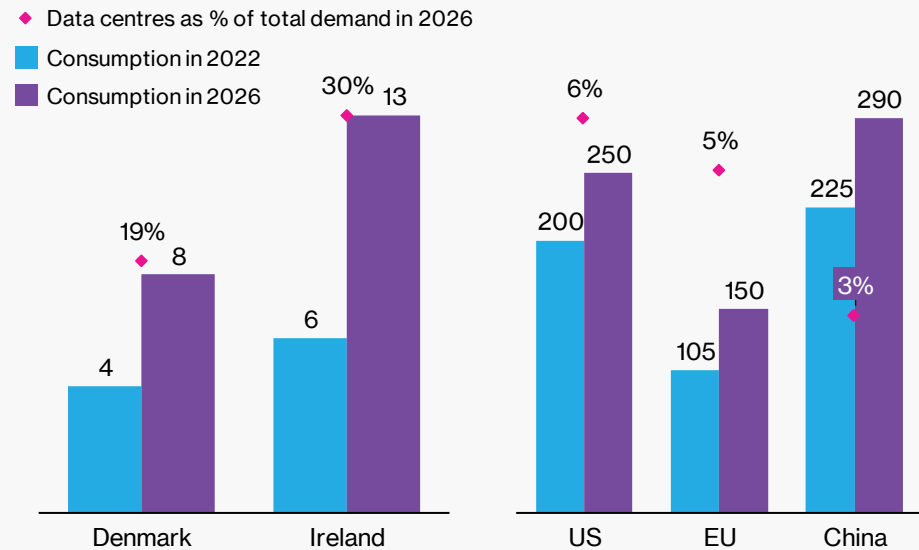
Electricity demand from data centres, base case, TWh\*



**PUE improvements, Koomey's law and cloud migration have partially offset surging demand to moderate DC energy usage. Going forward, these efficiency factors face headwinds**

## Data centers are becoming the largest electricity consumers in some countries

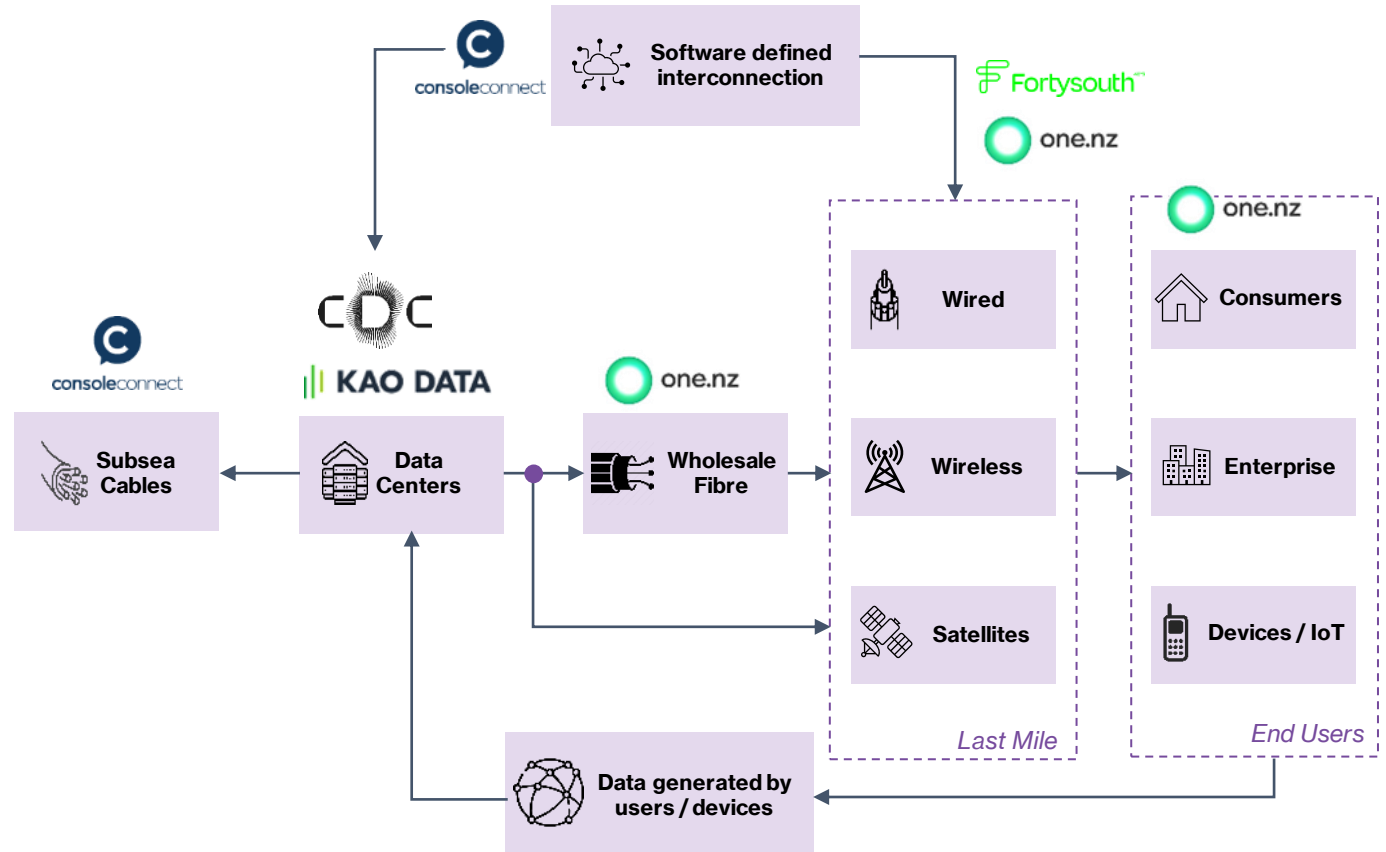
DC electricity consumption (TWh); share of total electricity demand



**Hyperscalers are already the biggest renewable energy off-takers, e.g. in 2010-2022, total PPAs from Amazon is 20,000+ MW**

# Digital Infrastructure Ecosystem

A network of physical, defensive infrastructure assets underpin the delivery of the essential connectivity services that power the modern economy and our societies



Notes: (1) At various stages (especially in backbone networks and near data centers), data may pass through Internet Exchange Points (IXP's) where different networks exchange traffic



# Console Connect and Kao Data

Seeding new platforms to ride the next wave of digital growth

## European Data Center platform



### Business model

#### UK-based colocation datacenters

Development platform, with 3 sites and ~20MW operating

#### Customers

High performance compute, AI, enterprise and hyperscale

### Investment drivers

#### Market tailwinds

Strong demand and planned capacity expansion. 20MW installed, 60MW current capacity, visibility to grow to 150MW+ with Manchester

#### Leadership renewal

Douglas Loewe started as CEO January 2024; New COO joining

## Global, configurable connectivity



### Business model

#### Global connectivity platform

Instantly self-provision secure, private connections across a global network and flexibly purchase bandwidth on-demand

#### Customers

Enterprise connectivity

### Investment drivers

#### Evolving customer needs

Inexpensive, flexible and configurable connectivity as enterprises increasingly adopt multi-cloud and multi-region networks

#### Powerful network effects

World-leading network of global subsea cables, 900+ enabled DCs, public cloud providers, major SaaS providers and 1000+ mobile networks, enhancing economics and value proposition

# Digital Infrastructure: Dynamics Driving Opportunity

Deep understanding of market and technology dynamics translates into...

...opportunities offering attractive risk-adjusted returns



## Subsea cables

### Data growth

East / West volume shifts as emerging economies become content creation hubs

### Route dynamics

Individual route-level supply demand dynamics are critical



## Data centers

### Volume growth

Hyperscalers seeking rapid deployment to meet AI demand growth

### Platform value

Existing platforms provide proven ability to deploy at scale and engender customer trust

### Location dynamics

Green energy availability, security and data sovereignty increasingly important buying factors

### Evolving network architectures, edge models and cloud zones

Driving deployment in developed and developing markets



## Wholesale fibre

### Capacity growth

To accommodate AI demand and changes to demand density

### Hyperscale dark fibre

Growth in dark fibre market to serve hyperscale inter-DC demand

### New cloud zones

Densification in developed markets and new zones in developing markets driving deployment

### Wired



### Wireless



### Satellites



### Last mile

### Consumers



### Enterprise



### Connected devices



### End users

## Capital release

Corporate sell-down of non-core assets e.g. TowerCo and InfraCo spin-offs

## FTTP and enterprise rollouts

Government backed FTTP rollout

## 5G rollout and active sharing

Densification of mobile networks creating active sharing models

## Defensive IoT networks

Growth in energy, safety and industrial applications



## Data businesses

### Defensive data assets

Data assets offering privileged positions growing increasingly defensive as scale, technological complexity and regulatory requirements increase

### Financial infrastructure

Critical infrastructure underpinning operation of financial markets



## Software defined networking

Ability to abstract physical infrastructures, variabilize bandwidth purchases, offer value-added network services increasingly valuable as multi-cloud architecture become common



# Infratil Investor Day

5 March 2024

Jason Paris  
Chief Executive Officer



# Solid performance in a competitive but stable market



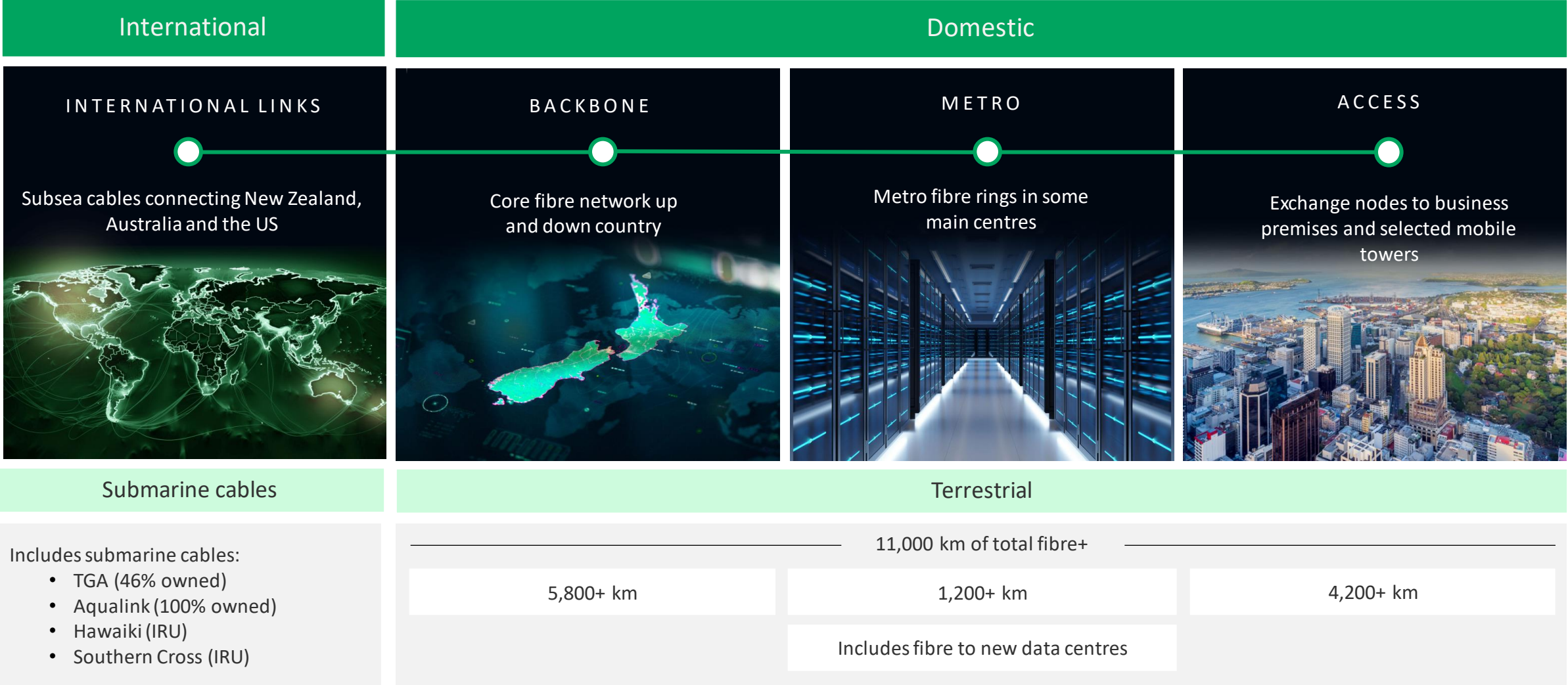
- Competitive but stable mobile market structure continues, fixed pricing intensity remains
- Full upgrade of our mobile network to 4G/5G, extending our coverage with SpaceX and our 3G and 2G shut down are all on track
- Our wholesale MVNO platform is performing well, with over 30,000 mobile and FWA customers enjoying it
- The rebrand has been well received by New Zealanders and almost all of One NZ's key metrics are now ahead of Vodafone NZ's including awareness and non-customer consideration
- The simplification of our business continues with 85% of our consumer base now on in market plans, 100% of our prepaid base has been migrated to a new IT platform and service interactions have reduced by 1 million over the last two years
- An organisational redesign to deliver significant additional operational efficiencies is nearly complete
- AI continues to drive material benefits with an up to 7x uplift in performance across areas that AI has been deployed. We are now scaling AI across the business to drive cost as well as revenue benefits



# On track to deliver at the mid-range of EBITDA guidance within a challenging economic environment

- Consumer/SME mobile, Wholesale and cost results all continue to be strong
- Some softening in the Enterprise segment due to a depressed macro-economic environment has stopped us achieving the higher end of guidance
- We have successfully executed a series of pricing adjustments without materially impacting customer acquisition or churn. More pricing moves are planned for this year and over the medium term we continue to consider CPI based pricing
- Our new store format is performing well. General merchandise margin has grown 178% YoY and 15% YoY in Pay Monthly mobile acquisitions. Investment in Regional Hyperlocal format stores have delivered 97% YoY growth in Mobile Pre to Post compared to only 18% YoY growth in similar regional stores
- Further top line growth and margin expansion being targeted via mobile, higher utilisation of our fixed networks, ICT, wholesale and accessories

# Strong demand for our fibre assets will see us establish a separate fibre entity to maximise usage and value





# Investing in our mobile network to deliver service revenue growth



## Nationwide 4G/5G upgrade programme on track

- 99.5% of the population and 60% of the geography of New Zealand will be covered by our upgraded 4G/5G network in CY 2025
- 3G is being retired CY 2025 and 2G retiring by CY 2026. The spectrum re-farmed for increased 4G/5G performance
- These moves are increasing our FWA capacity and are improving our mobile market share

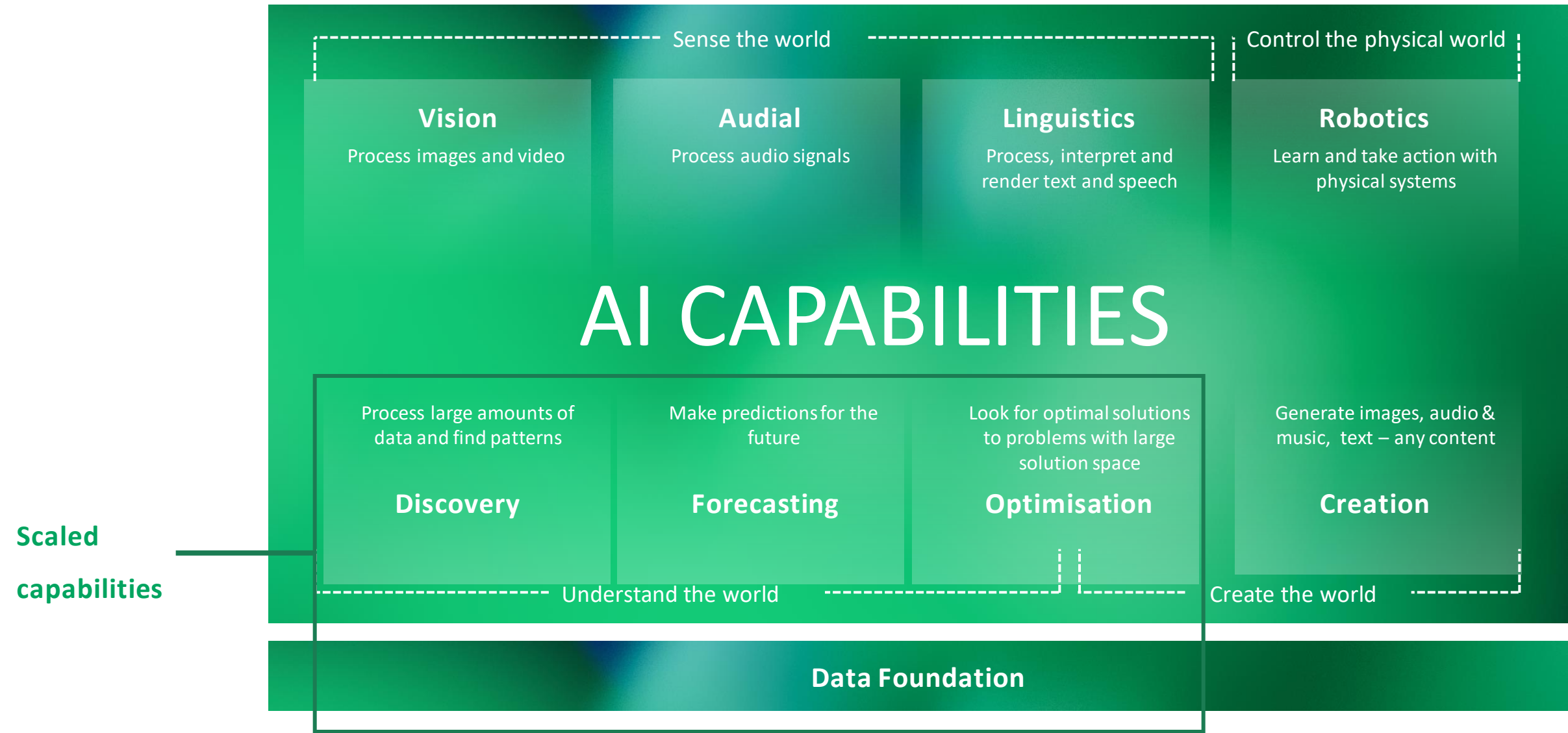


## World leading satellite to mobile connectivity with SpaceX

- SpaceX partnership will give our customers geographic and maritime coverage (across New Zealand with line of sight to the sky) and provide additional resilience for natural disasters - messaging CY 2024, voice, data and IoT CY 2025
- Highly sophisticated systems e.g., inter satellite laser links, collision avoidance, significant redundancy and advanced phase array antennas developed, with a proven track record - 5,000 satellites deployed

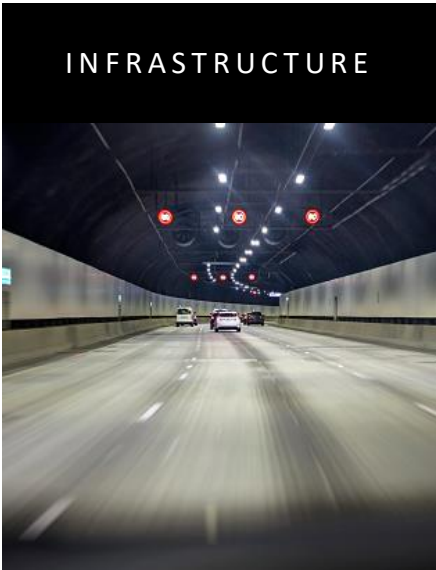
## Enhanced and differentiated mobile network security

- Have successfully deployed New Zealand's emergency services communications network – exclusively sold by One NZ & Spark
- Deployed Malware Free Networks, blocking thousands of scams monthly

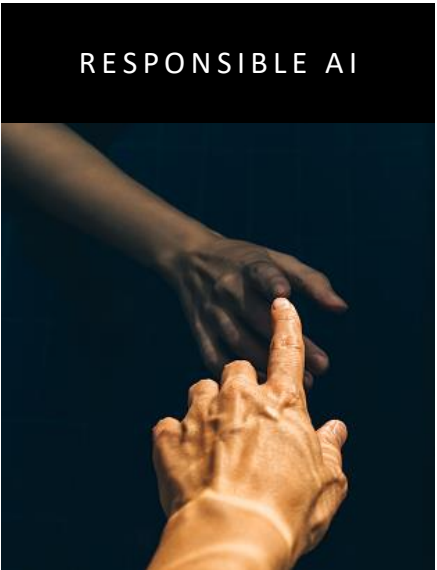




# We have invested in AI & Data foundations and are well positioned to reimagine the business with Generative AI








We have been delivering machine learning AI use cases for several years and see significant potential to extend using generative AI



We are using AI systems in a safe, trustworthy, and ethical way

# Scaling AI within One New Zealand

|                | Marketing  | Service   | Network   | Enterprise  | Workforce   |
|----------------|--|---|---|---|---|
|                |   |    |    |    |    |
| Last 12 months | <ul style="list-style-type: none"> <li>• Single view of mass customers</li> <li>• Churn, up-sell, cross-sell predictions being made, some campaigns automated</li> </ul> | <ul style="list-style-type: none"> <li>• Generative AI for call analytics that help identify and fix the causes of service</li> </ul>     | <ul style="list-style-type: none"> <li>• Machine learning powered network issue detection and fixes</li> <li>• Network analytics driving network rollout</li> </ul> | <ul style="list-style-type: none"> <li>• Proof of concept using generative AI and large language models to extract contract information to inform next best sales action</li> </ul> | <ul style="list-style-type: none"> <li>• Trained 250+ employees on AI</li> <li>• Developed Responsible AI Guardrails</li> </ul> |
| Next 12 months | <ul style="list-style-type: none"> <li>• All campaigns automated using Machine learning to provide personalised offers</li> </ul>  | <ul style="list-style-type: none"> <li>• AI powered self service via app and web</li> </ul>   | <ul style="list-style-type: none"> <li>• Self optimising, self healing network examples with real time energy optimisation</li> </ul>                               | <ul style="list-style-type: none"> <li>• AI powered leads, AI powered account managers, automated next best action recommendations</li> </ul>                                       | <ul style="list-style-type: none"> <li>• Co-pilots deployed and AI being used across teams daily</li> </ul>                     |
| 3 years time   | <ul style="list-style-type: none"> <li>• Always-on AI powered campaigns delivered to customers in real time e.g., location based</li> </ul>                              | <ul style="list-style-type: none"> <li>• Always-on AI powered service that proactively predicts and resolves issues in advance</li> </ul> | <ul style="list-style-type: none"> <li>• AI driven automated network build and upgrade programme with a fully self optimising, self healing network</li> </ul>      | <ul style="list-style-type: none"> <li>• AI powered engagement &amp; operations</li> </ul>  | <ul style="list-style-type: none"> <li>• AI performing repetitive tasks</li> </ul>  |



# Accelerating our customer transformation through business simplification and IT modernisation



|                                      | Examples of progress made to date  |   | What we're planning to accelerate in FY2025  |
|--------------------------------------|--|---|--|
| Product simplification               | Only three in-market pay monthly mobile plans<br>Prepaid plans reduced by 80%  | ➤ | Simplification of consumer broadband plans to less than five, Enterprise mobile to align with consumer and SME. Enterprise fixed products halved |
| Customer migration                   | 85% of consumer mobile customers on in-market plans<br>100% of prepaid customers migrated to new IT  | ➤ | Migration of 100% of our consumer and SME customers onto simplified plans. Enterprise to follow  |
| Service improvements                 | 1 million annual reduction in service interactions to our contact centres  | ➤ | Redesigning our customer journeys to enable 100% self-service via our app  |
| IT modernisation                     | Contact center platform replaced, migration of pre-paid platform, new network APIs in place, wholesale telco-in-a-box platform launched and customers live | ➤ | Data platform consolidation, CRM replacement, ordering and fulfilment automation, customer identity management                                   |
| Product and platform decommissioning | Removal of 100% of legacy calling platforms  | ➤ | Copper product shutdown, legacy IT platform shutdown   |

# A smaller, more highly skilled work force is emerging



- Organisational Health metrics in the world's top quartile
- Compelling vision, culture, results and owners are attracting and retaining the best talent from Aotearoa, New Zealand and internationally



- Proven higher performing ways of working are embedded e.g. agile/waterfall
- Completing a reorganisation that reflects our company wide business improvements



- Significant and ongoing rationalisation of our back office, enabled by:
  - Simplification of processes, delayering and reduced hierarchy, centralisation of like functions to realise synergies/remove duplication and offshoring of some back-office activities
- Significant and ongoing rationalisation of our service areas due to:
  - Reduced call volumes, higher first-time resolution and reduced transfers and improved capability and tools



- Increased investment in future value creating areas continues e.g. Network, Sales, Data/AI, Security
- AI productivity work stream now being scaled to drive significant further productivity improvement





We launched our new Sustainability Strategy in August 2023, following a materiality assessment to prioritise ESG (Environment, Social, Governance) topics

## Environment

- Achieved environmental certification, via Toitū Envirocare, demonstrating robust greenhouse gas (GHG) emissions measurement and reporting
- From 1 April 2024 all electricity purchased by One NZ will be renewable meaning zero Scope 2 emissions for power usage
- Limited e-waste by enabling customers to reuse old mobile phones via Trade-In offering

## Social

- Proactively deployed network technology that has blocked over 1 million child sexual exploitation material sites from our network
- Through our charity, One Aotearoa Foundation, progressed digital equity initiatives including laptops for schools and connecting families

## Governance

- Sixth cohort of employees completed indigenous leadership programme, Kāwai, to help create pathways for current and future Māori and Pasifika leaders
- Achieved 12-point year-on-year uplift in international sustainability benchmarking survey, GRESB

- ❑ World class infrastructure. Continue to invest in our mobile and fixed infrastructure to maximise value from strong ongoing demand
- ❑ Top line growth. Growth in core connectivity, complemented by targeted growth in adjacencies, including ICT
- ❑ Simplified business. Products and plans dramatically reduced, 100% of customers migrated to in market plans, IT modernised and legacy removed
- ❑ Customer experience excellence. AI enabled and automated digital sales and service
- ❑ High performing, lean operating model. Deploying AI to drive year on year cost reduction across all facets of the business, leading to a smaller, more capable workforce
- ❑ A highly trusted brand. A great corporate citizen, contributing positively to New Zealand's future by always doing the right thing for its people, customers and country
- ❑ Strong shareholder returns. Generating increased equity value and cash over the medium term





one.nz

# One NZ Half Year FY24 Performance (Appendix)



| One NZ (millions)                         | HY2024 | HY2023 | FY2023 |
|---|--------|--------|--------|
| Consumer & SME                            | 333    | 305    | 623    |
| Enterprise                                | 53     | 54     | 108    |
| Mobile                                    | 385    | 359    | 731    |
| Consumer & SME - Fixed & ICT              | 165    | 169    | 336    |
| Enterprise - Fixed & ICT                  | 129    | 129    | 258    |
| Wholesale & other                         | 105    | 102    | 209    |
| Recurring revenue                         | 784    | 759    | 1,533  |
| Procurement & one-off revenue             | 180    | 231    | 451    |
| Total revenue                             | 964    | 990    | 1,984  |
| Direct cost                               | (392)  | (432)  | (837)  |
| Gross margin                              | 572    | 558    | 1,147  |
| Operating expenses                        | (292)  | (300)  | (619)  |
| EBITDAF**                                 | 279    | 258    | 528    |
| EBITDA Margin                             | 29%    | 26%    | 27%    |
| Capital Expenditure (excl. Spectrum)      | 123    | 125    | 304    |
| Capital Efficiency (excl. Spectrum, Saas) | 13%    | 13%    | 15%    |

## On track to meet FY24 EBITDA Guidance of \$580-\$620 million, estimated growth of 14%

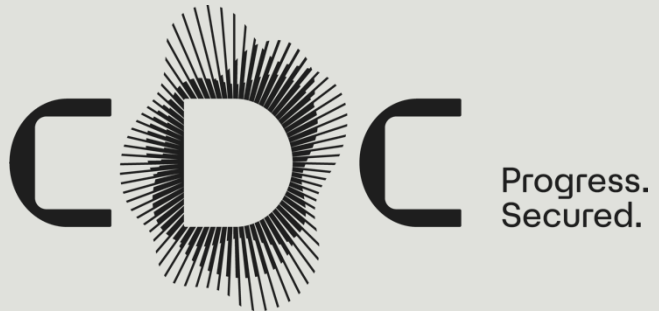
- Mobile service revenue grows with strong trading momentum, roaming returning and customers continuing to shift toward higher value plans
- Enterprise revenue declining due to calling and economic conditions leading to softer trading and some large customers moving from legacy to in-market pricing
- Wholesale revenue uplift due to increased network utilisation and fixed line capacity growth from hyperscale data centres
- Procurement revenue declines largely relating to lower margin device revenue
- Operating expenditure reduced due to cost out initiatives which are targeted to accelerate in H2, in addition to not incurring brand launch costs
- EBITDA expansion continues towards 30% target in near term



# Infratil Investor Day Presentation

5 March 2024

Greg Boorer  
Chief Executive Officer



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# Agenda

05 Performance

13 Outlook

20 Questions



# Overview

CDC is the pre-eminent owner/operator and developer of highly secure, connected and sovereign data centre campuses across Australia and Aotearoa New Zealand.

## Security

- HCF Certified Strategic Provider<sup>1</sup>
- Government security accreditation
- 24x7x365 on site guards
- Security cleared personnel



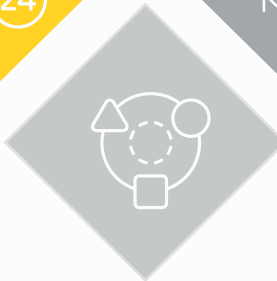
## Optionality

- Modular, efficient facilities
- Future proof infrastructure
- Value-add service options



## Availability

- 100% uptime guaranteed
- Resilient and modern facilities



## Sustainability

- Industry-leading WUE
- First net carbon zero hyperscale data centre provider in New Zealand



## Interconnection

- Powerful ecosystem
- Direct customer and cloud provider connectivity







# Performance



# FY2024 achievements to date

CDC continues to meticulously deliver on its commitments to customers, people, new developments and financial targets.

| Focus area   | Status   | Achievements  |
|--|----------|---|
|  CUSTOMERS    | On Track | <ul style="list-style-type: none"><li>Record 200MW+ new capacity contracted<sup>1</sup> – largest ever addition within 12 months</li><li>Successfully grew and diversified our client base across Government, NCI and Hyperscale</li><li>Enhanced business value and exceeded client expectations – industry-leading customer NPS</li></ul> |
|  PEOPLE       | On Track | <ul style="list-style-type: none"><li>Continued to foster a high-performance culture - achieved superior employee NPS score</li><li>Successfully scaled up and continued to build a high performing team to deliver growth</li><li>Trained and skilled a high volume of staff through our CDC Academy</li></ul>                             |
|  DEVELOPMENT | On Track | <ul style="list-style-type: none"><li>Accelerated construction in Melbourne and Auckland</li><li>Increased development pipeline by an additional 400MW+ across Australia and New Zealand</li><li>Assessed additional strategic growth opportunities in Australia and New Zealand</li></ul>  |
|  FINANCE    | On Track | <ul style="list-style-type: none"><li>Maintained trajectory of 20-30% YoY revenue and earnings growth</li><li>Achieved prudent cost controls in inflationary environment</li><li>Diversified debt capital market sources</li></ul>  |



# Delivering on our development commitments

CDC has delivered on its development commitments, making significant progress on the construction activities over the last 12 months across both Australia and New Zealand.

## New Zealand

**Auckland – Silverdale (SIL1A)**



**Auckland – Hobsonville (HV1A)**

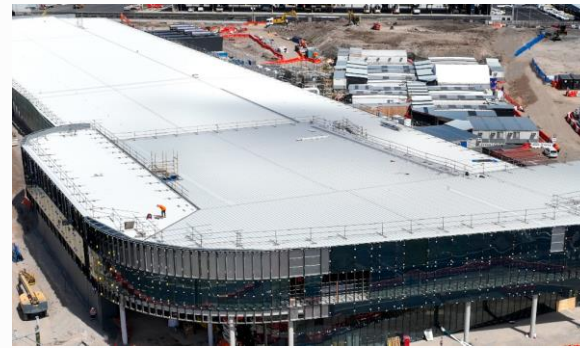


## Australia

**Melbourne – Brooklyn (BK1)**



**Sydney – Eastern Creek (EC5-6)**



# Our locations

**13**

Operational data centres across Australia and New Zealand

**8**

Data centres under construction



Additional capacity to accommodate step-change in AI demand

**100%**

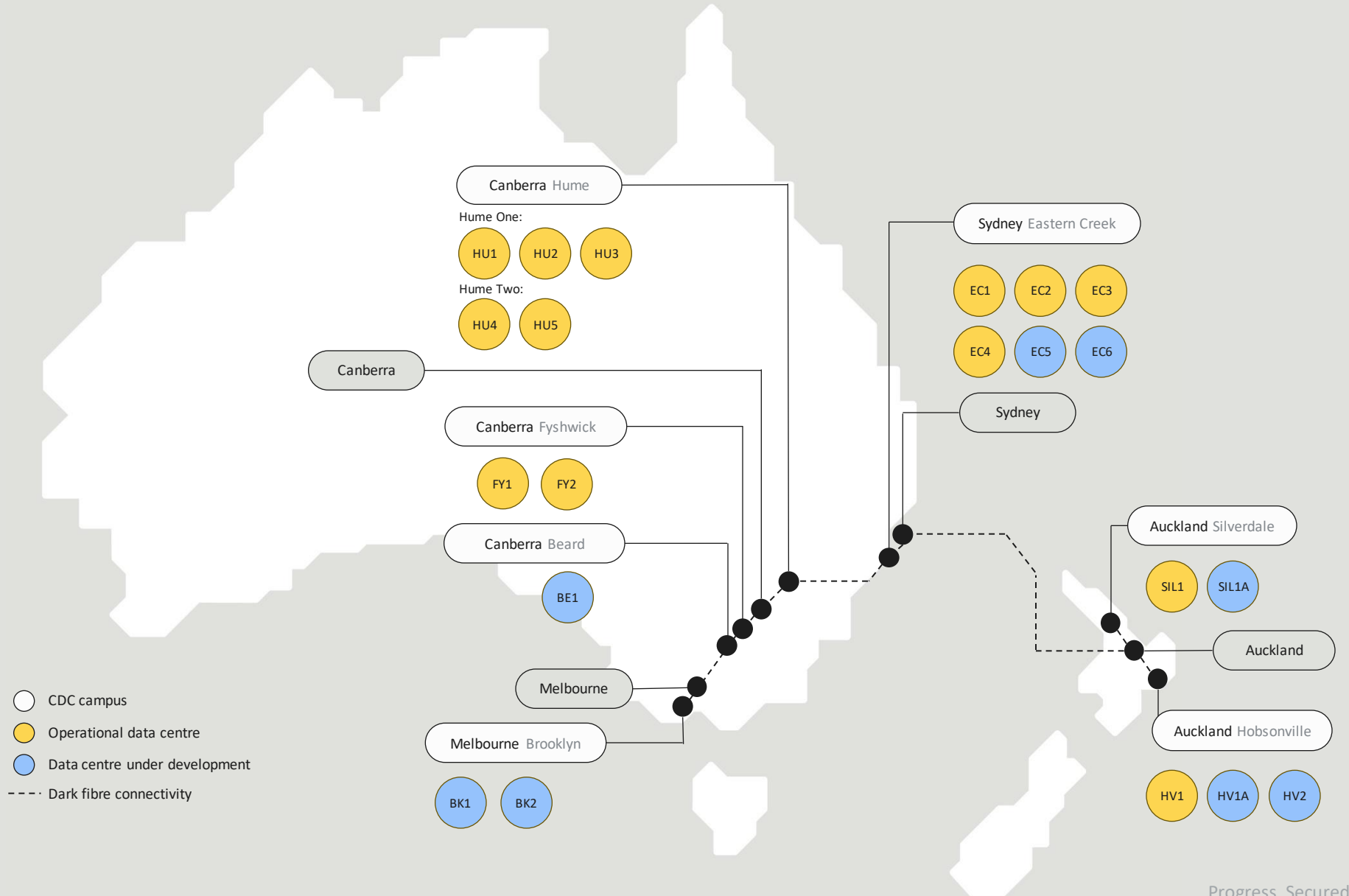
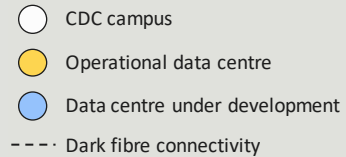
Land holdings ownership for existing and growth projects



Expansion in existing and new markets across Australia and New Zealand



All campuses connected with multiple diverse high speed secure fibre paths

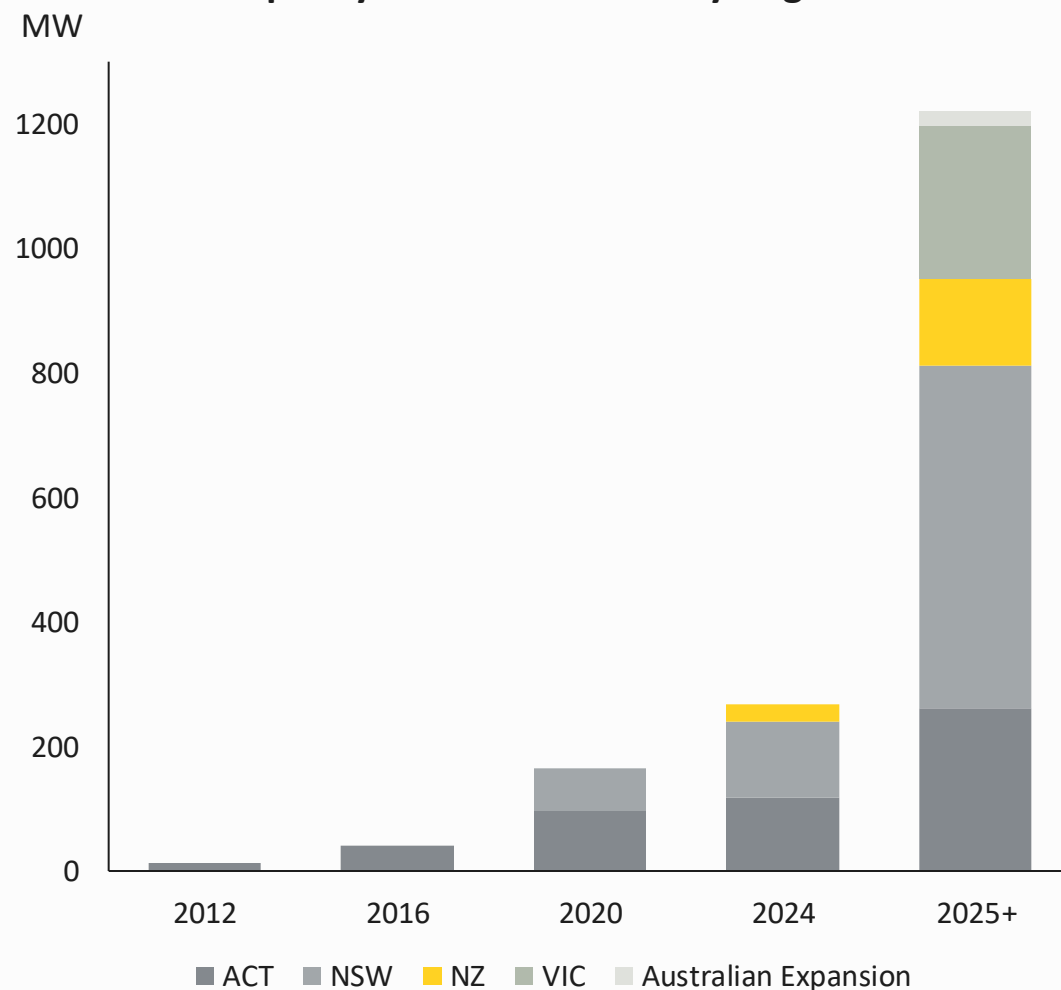




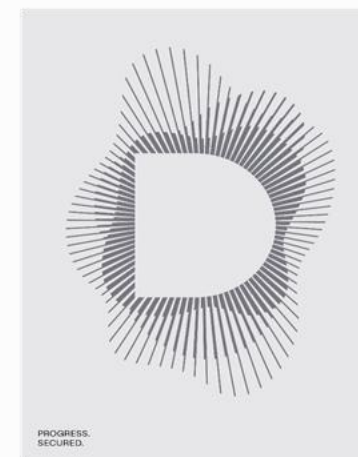
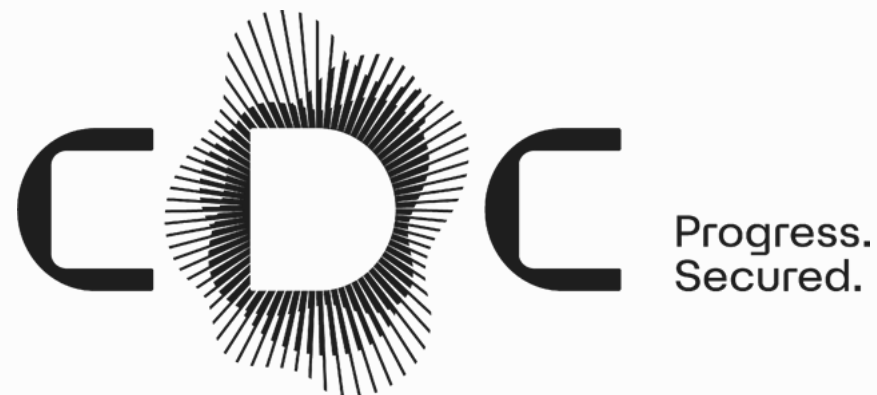
# World-class data centre portfolio

| Region                                   | Status             | Built MW     |
|--|--------------------|--------------|
| Canberra                                 | Operating          | 117          |
| Sydney                                   | Operating          | 123          |
| Auckland                                 | Operating          | 28           |
| <b>Total Operating Capacity</b>          |                    | <b>268</b>   |
| Canberra                                 | Under Construction | 39           |
| Sydney                                   | Under Construction | 158          |
| Melbourne                                | Under Construction | 155          |
| Auckland                                 | Under Construction | 30           |
| <b>Total Under Construction Capacity</b> |                    | <b>382</b>   |
| Canberra                                 | Future Build       | 105          |
| Sydney                                   | Future Build       | 269          |
| Melbourne                                | Future Build       | 93           |
| Australian Expansion                     | Future Build       | 22           |
| Auckland                                 | Future Build       | 81           |
| <b>Total Future Build Capacity</b>       |                    | <b>570</b>   |
| <b>Total Capacity<sup>1</sup></b>        |                    | <b>1,220</b> |

## Capacity Growth Forecast by Region<sup>1</sup>



# Brand Refresh

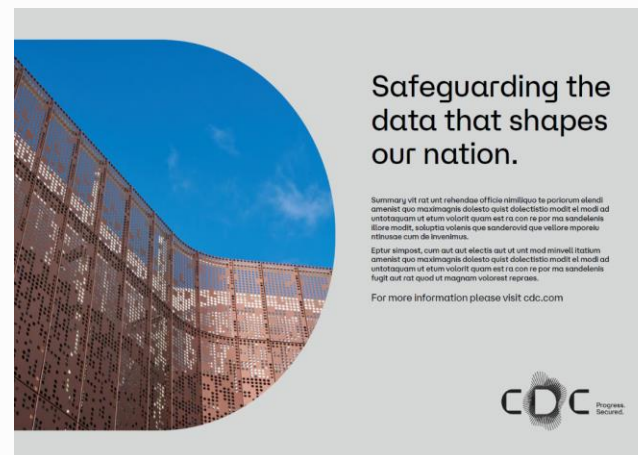


**SAFEGUARDING  
THE DATA THAT  
SHAPES OUR  
NATION.**



Specialising in world-leading critical infrastructure capabilities, CDC has established itself as the foremost destination for customers who cannot – and will not – compromise on their digital critical infrastructure.

**Together with our customers, we ensure that society always has access to the systems essential for progress.**





# ESG Leadership

## Highlights

- Stable Planet: First certified net carbon zero hyperscale data centre provider in New Zealand<sup>1</sup>
- Thriving People: Supporting our people's wellbeing and community engagement
- Trusted Company: University partnership to lead the world on water efficiency.



## Stable planet.



**Carbon and energy**  
Net zero by 2030<sup>2</sup>

**Water**  
World-class data centre water usage efficiency

**Waste and circularity**  
Zero waste to landfill by 2030<sup>3</sup>

## Thriving people.



**Safety and wellbeing**  
The best and safest place to work

**Diversity and inclusion**  
Become an industry leader in diversity and inclusion

**Excellence and growth**  
Meticulous and purpose-driven team

**Community impact**  
Make a measurable difference in our communities

## Trusted company.



**Trust and transparency**  
Australia and New Zealand's most trusted data centres

**Data security**  
Industry leading integrated security posture

**Resilience and innovation**  
Innovation for longevity in a changing climate



CDC continued to scale its proprietary designed, dedicated learning hub.

CDC Academy's objective is to provision the next generation of data centre professionals.



#### Tiered Technical Training

- Bespoke technical training
- Practical and theoretical assessments
- Training focused on data centre fundamentals, health and safety, critical environments and data centre infrastructure
- 80% of all CDC technicians across Australia and New Zealand have completed Tier I training



#### University Engagement

- Collaboration with universities to explore how CDC can contribute to reducing the skills gap within the industry
- Supporting industry growth through graduate and internships programs



#### Innovation partnership

- CDC and Innovation Central Canberra have been partnering to develop innovative data centre water efficiency solutions
- Research project focused on water positivity and heat rejection



# Outlook

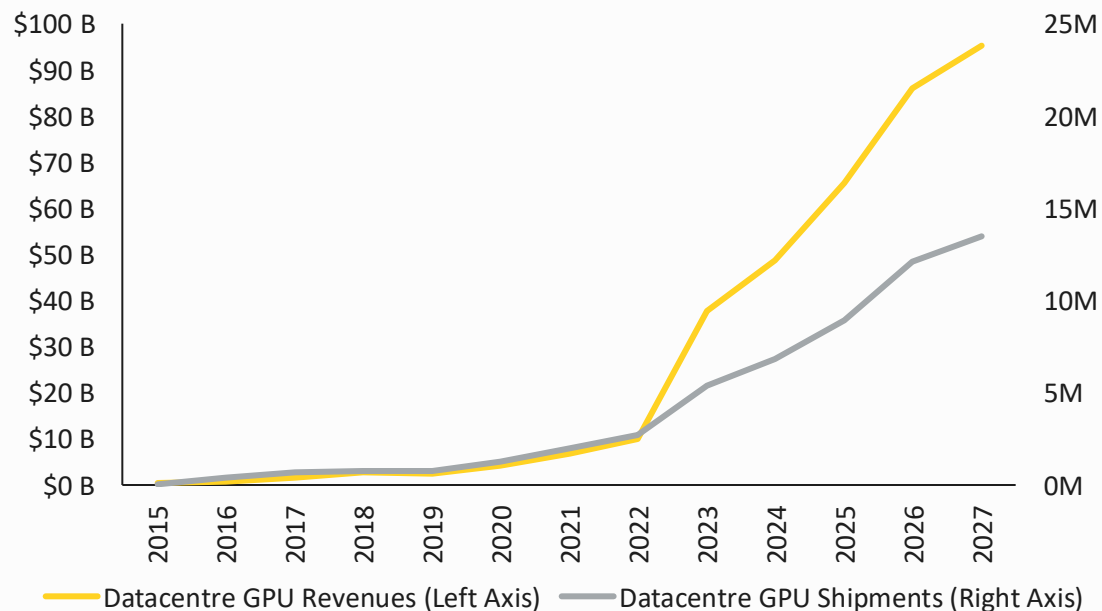


# Global demand-side market outlook

## Data Centre demand growth continues to accelerate

- Major hyperscalers continue to generate revenue growth on the back of continued adoption of cloud and increasing customer uptake of AI
- Record-breaking demand for AI hardware (GPU) has seen NVIDIA achieve full-year revenue of \$60.9b USD in 2024 (126% YoY)<sup>1</sup>
- Emerging new segment in GPU Cloud providers offer enterprises and startups cost-effective access to currently inaccessible, high-end GPUs

## Datacentre GPUs revenue vs Datacentre GPUs Shipped<sup>2</sup>



CDC Sources: [1] Earnings reports [2] Wells Fargo Equity Research/The Next Platform [3] McKinsey

## The race to achieve Multimodal AI supremacy

### GenAI Models by provider<sup>3</sup>

Closed Source
Closed Source, available through APIs
Open Source

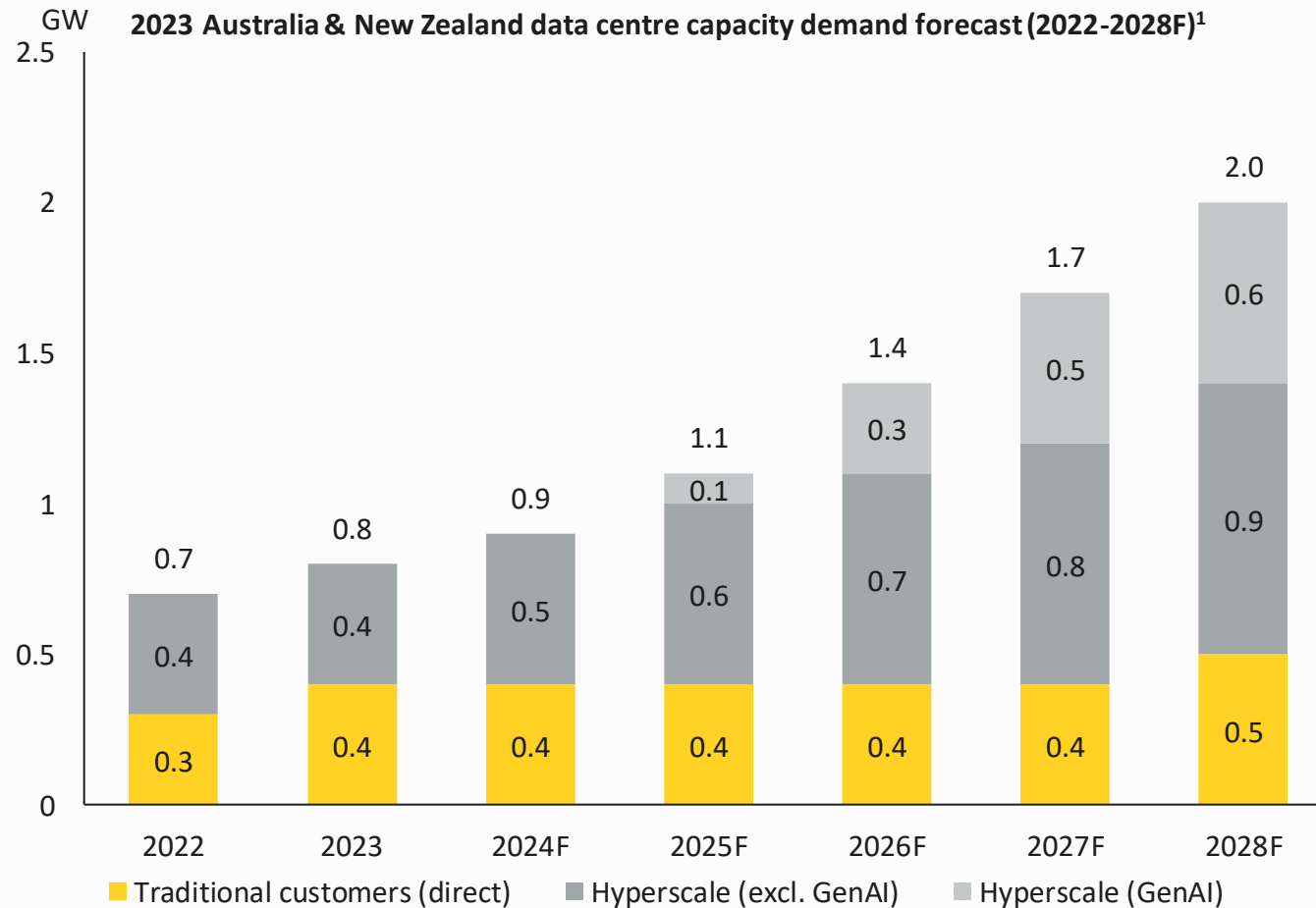
|                 | Text           | Image              | Audio or music  | 3-D             | Video        | Protein or DNA sequences |
|-----------------|----------------|--------------------|-----------------|-----------------|--------------|--------------------------|
| Microsoft       |                |                    | VALL-E          | RODIN Diffusion | GODIVA       | MoLeR                    |
| OpenAI          | GPT-4          | DALL-E 3           | Jukebox         | Point-E         | Sora         |                          |
| Meta            | LLaMA 2        | Make-a-scene       | AudioGem        | Builder Bot     | Make-a-video | ESMFold                  |
| Google/DeepMind | Gemini         | Imagen             | MusicLM         | DreamFusion     | Imagen Video | AlphaFold2               |
| Stability AI    | StableLM       | Stable Diffusion 2 | Dance Diffusion |                 |              | LibreFold                |
| Amazon          | Lex            |                    | Deep Composer   |                 |              |                          |
| Apple           |                |                    |                 | GAUDI           |              |                          |
| NVIDIA          | MT-NLG         | Edify              |                 | Edify           | Edify        | MegaMol BART             |
| Cohere          | Family of LLMS |                    |                 |                 |              |                          |
| Anthropic       | Claude         |                    |                 |                 |              |                          |
| AI21            | Jurassic-2     |                    |                 |                 |              |                          |

Progress. Secured.



# ANZ market outlook

Australia and New Zealand market forecasts suggest that demand will continue to outweigh supply, meaning continued capacity constraints and bottlenecks for customers:

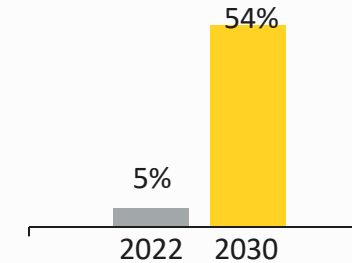


## Additional growth drivers

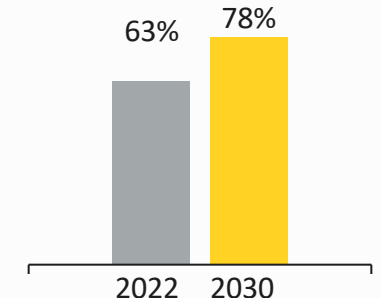
Whilst GenAI continues to be the largest near-term growth driver for demand, looking further towards 2030, new technology adoption is forecast to drive additional DC growth.

### Adoption of critical technologies by Australian businesses<sup>2</sup>

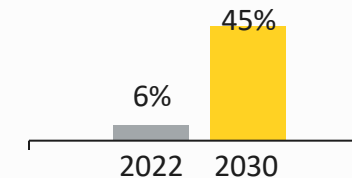
#### Advanced Data Analytics



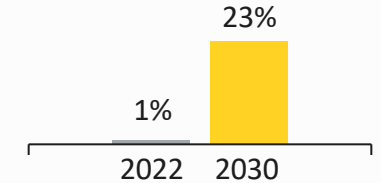
#### Cyber Security



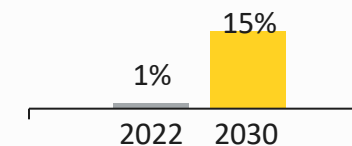
#### Internet of Things



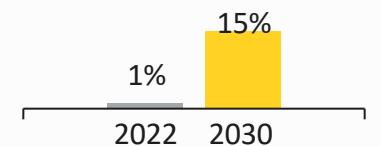
#### Virtual Worlds



#### Advanced robotics/sensors



#### Quantum technologies



# Harnessing strategic trends for growth

CDC continues to uniquely position itself at the intersection of several macro trends that support its accelerated growth trajectory.



## Sovereignty and security controls

Escalating geostrategic competition is evolving to include advanced technologies, which are increasingly critical to national progress and subject to stricter sovereignty and sharing controls.



## Multimodal AI race

Generative AI is driving significant capacity demand for high power density and specialised cooling infrastructure as the race continues to deploy large scale AI infrastructure to cater to the significant customer demand.



## Resilience and risk management

The elevating threat environment continues to pose new challenges that drive more and more organisations to re-evaluate their critical risks and re-position the way they manage their critical data and digital infrastructure.



## ESG expectations and oversight

ESG space is maturing with a strong focus on water consumption, emissions reduction, along with governance, assurance and regulated disclosures, which will help differentiate companies that are making a genuine difference in this space.

## CDC is committed to harness its differentiation to accelerate growth:

- Highly resilient and secure development model drives an increase in our high quality customer base;
- Technology advances fuel a marked increase in capacity demand signals
- Size, tenor and quality of demand support a unique approach to delivering capacity at scale
- CDC continues to explore strategic growth opportunities across Australia and New Zealand



# Priorities for the period ahead

The focus for FY2025 remains consistent across the four key dimensions of Customer, People, Development and Finance.



## Customer

- Address increased customer demand
- Onboard new contracted customers across our portfolio
- Exceed client expectations and continue to enhance business value for our customers
- Expand and diversify our high quality customer base



## People

- Continue to cultivate high performance culture
- Accelerate growth through scalable operating model and ways of working
- Professional growth, safety and wellbeing



## Development

- Execute development and construction program at scale
- Continue to differentiate on quality, speed and agility of execution
- Land acquisition and power security to enable future developments



## Finance

- Deliver 20-30% YoY revenue and earnings growth
- Maintain prudent cost controls in inflationary environment
- Further diversification and optimisation of debt funding sources

# Development at scale across multiple campuses and regions

CDC continues to grow its development footprint, with over 380MW of data centres under construction across multiple campuses and regions in Australia and New Zealand

**ACT – Beard (BE1)**



**VIC – Brooklyn (BK2)**



**NZ – Hobsonville (HV2)**



**NZ – Silverdale (SIL1A)**





# Financial performance and outlook

CDC's business model has very solid foundations, with four key strengths underpinning its strong financial performance. Profitable growth to continue as customers are onboarded into facilities in Australia and New Zealand and our increased capacity under construction is delivered to meet increasing customer demand.

1

**Customer:** Loyal customer base and strong track record of renewals and extensions, resulting in 30.0 year WALE incl. options (Sep 23: 24.9 years)

2

**Operations:** Resilient, secure and 100% available facilities supported by a state-of-the-art operations capability

- Rack utilisation<sup>1</sup> increased to 79.3% (Sep 23: 78.3%)

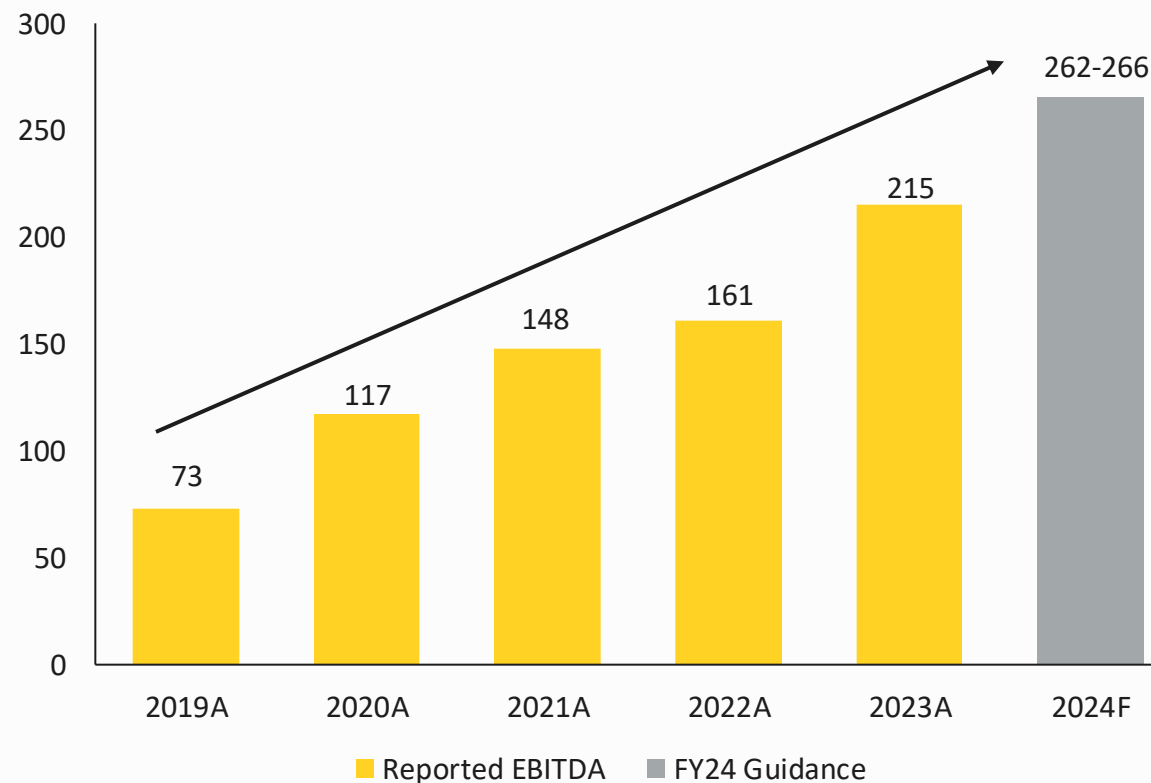
3

**People:** Continue to balance scaling up resourcing and capabilities to maximise business growth, while maintaining an efficient operating cost structure

4

**Development:** Best-in-class data centre designs capable of supporting diverse ICT loads, cooling, power density and deployment methodologies

EBITDA (A\$m)



# Questions

