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STOCK EXCHANGE ANNOUNCEMENT

2 December 2024

Chorus Investor Day 2024

The attached presentation materials will be delivered at Chorus' Investor Day commencing at 12:45pm (NZT).

The event will be webcast live on www.chorus.co.nz/webcast and a recording of the presentations will be made available online on Tuesday 3rd December.

With the UFB rollout complete, Chorus is in transition from being the Great Network Builder, to becoming the Great Network Operator. The briefing includes further detail on Chorus' recent strategic reset, in 'Our Road to 2030', including:

- a shift to a Purpose-led organisation: "Unleashing potential through connectivity. Enabling better futures for Aotearoa."
- a clear Aspiration for future success: "A simplified all-fibre business with 80 per cent uptake by 2030."
- a more competitive market challenger posture with focus on under-penetrated markets, including new digital equity plans, to drive fibre uptake to 80%
- moving rapidly to retire the legacy copper network by 2030, as demand diminishes, and ultimately reducing direct copper operating expenditure by about \$50 million per annum

Chorus notes a number of growth and optimisation opportunities are actively being explored:

- recycling of about 4,000 kilometres of large copper cabling, over three to seven years, with estimated net proceeds of approximately \$30 million to \$50 million. This is subject to evaluation over FY25.
- reviewing options for non-core high sites with a \$20 million net book value, which may have a better alternative owner in market

- considering post-copper optionality for other land and buildings outside of UFB areas, with a current net book value of about \$75 million
- launching IoT asset management solutions under a new brand, Neura
- developing an alternative revenue model to scale EdgeCentres
- an exclusive memorandum of understanding with Datagrid to investigate the potential for a Trans-Tasman Ring, providing enhanced international and domestic data connectivity
- continuing to advocate for further fibre expansion to rural households through the government's Infrastructure Priorities Planning process

Any growth opportunities requiring further investment will be assessed against Chorus' capital investment framework, noting the cornerstone of that framework is a sustainable dividend that grows at the rate of inflation.

Chorus' strategy will result in a shift to a simpler, more efficient and more competitive all-fibre operator. This is underpinned by fibre regulatory settings that provide greater clarity and stability over the next four years. New Zealand and global trends also clearly back fibre as essential digital infrastructure for reliability and scalability. As bandwidth demand continues to grow, Chorus is forecasting monthly average data usage of 1,000 gigabytes by 2029 as more terrestrial broadcast TV content moves online.

FY25 guidance reconfirmed

EBITDA: \$700 million to \$720 million

Gross capital expenditure: \$400 million to \$440 million

Sustaining capital expenditure: \$200 million to \$220 million

Dividend: 57.5 cents per share, unimputed

FY25 guidance is subject to no material adverse changes in circumstances or outlook.

Authorised by:
Mark Aue
Chief Executive Officer

ENDS

For further information:

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C H • R U S

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Chorus Investor Day 2024 - Agenda

12:45	Welcome	Mark Aue	CEO
12:50	Board perspective	Mark Cross	Chair
1:00	Strategy	Mark Aue	CEO
1:20	Global broadband trends	Rupert Wood	Analysys Mason – Research Director
1:40	Data demand	Kurt Rodgers	Network Strategy Manager
2:00	Achieving 80% uptake	Elaine Campbell	GM Access
2:20	Q&A		
2:35	Afternoon tea break		
2:50	Infrastructure opportunities	Mike Shirley	GM Infrastructure
3:10	Future-proof fibre	Ewen Powell	Chief Technology Officer
3:25	Regulatory outlook	Julian Kersey	Chief Corporate & Regulatory Officer
3:40	Copper retirement	Anna Mitchell	GM Fibre Frontier
4:00	Financial outlook	Drew Davies	Chief Operating Officer
4:15	Q&A		
4:30	Close	Mark Aue	CEO

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INVESTOR DAY 2024

Disclaimer

This presentation:

- Is provided for general information purposes and does not constitute investment advice or an offer of or invitation to purchase Chorus securities.
- Includes forward-looking statements. These statements are not guarantees or predictions of future performance. They involve known and unknown risks, uncertainties and other factors, many of which are beyond Chorus' control, and which may cause actual results to differ materially from those contained in this presentation.
- Includes statements relating to past performance which should not be regarded as reliable indicators of future performance.
- Is current at the date of this presentation, unless otherwise stated. Except as required by law or the NZX Main Board and ASX listing rules, Chorus is not under any obligation to update this presentation, whether as a result of new information, future events or otherwise.
- Should be read in conjunction with Chorus' audited consolidated financial statements for the year to 30 June 2024 and NZX and ASX market releases.
- Includes non-GAAP financial measures such as "EBITDA". These measures do not have a standardised meaning
 prescribed by GAAP and therefore may not be comparable to similar financial information presented by other
 entities. They should not be used in substitution for, or isolation of, Chorus' audited consolidated financial
 statements. We monitor EBITDA as a key performance indicator, and we believe it assists investors in assessing
 the performance of the core operations of our business.
- Has been prepared with due care and attention. However, Chorus and its directors and employees accept no liability for any errors or omissions.
- Contains information from third parties Chorus believes reliable. However, no representations or warranties (express or implied) are made as to the accuracy or completeness of such information.

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CHORUS CEO MARK AUE



Why we've invited you here today

Provide greater clarity and transparency on Our Road to 2030

Purpose and aspiration are clear

Market context has shifted. Reset our Strategy

Capital framework premised on discipline

Transitioning from builder to 'Great Network Operator'

Evolving to a simpler, more efficient, and competitive operator

Agenda

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4:30	Close	Mark Aue	CEO

Who you'll hear from: Chorus speakers



Mark CrossChair, Chorus Board



Mark AueChief Executive Officer



Elaine Campbell Executive GM, Access



Mike Shirley Executive GM, Infrastructure



Ewen PowellChief Technology Officer



Julian Kersey Chief Corporate and Regulatory Officer



Anna Mitchell Executive GM, Fibre Frontier



Drew DaviesChief Operating Officer



Kurt Rodgers Network Strategy Manager

CHORUS BOARD CHAIR

MARK CROSS



Your Board's beliefs

Empowering our people

Fibre is future proofed

Connections, connections

Managed exit from Copper

Market challenger

Promote digital equity

A considered approach to new opportunities

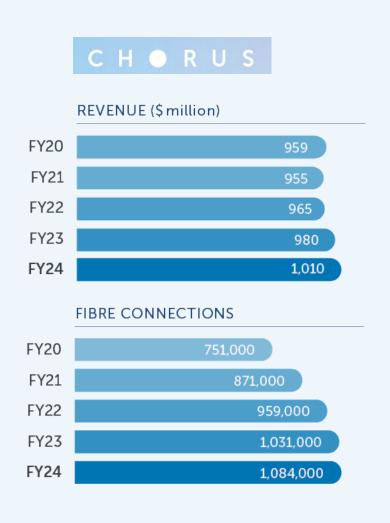
An appropriate capital structure

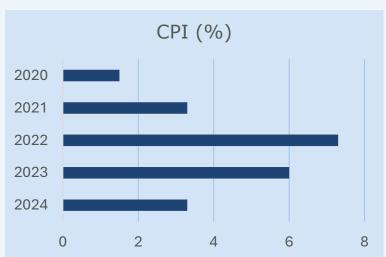
Prioritise long term value through capital allocation

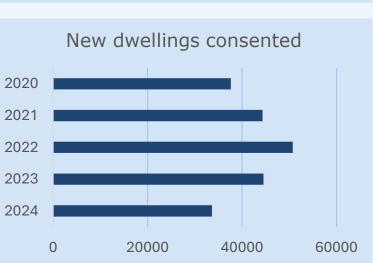
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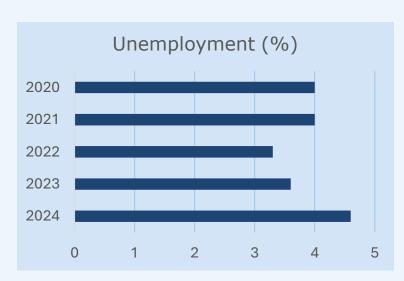
OUR ROAD TO 2030

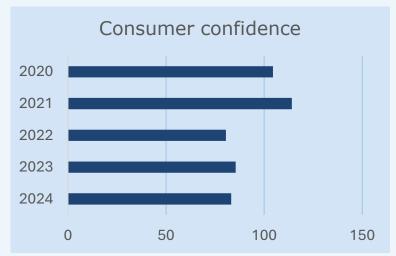
Fibre has proven resilient in a time of change













We have regulatory clarity

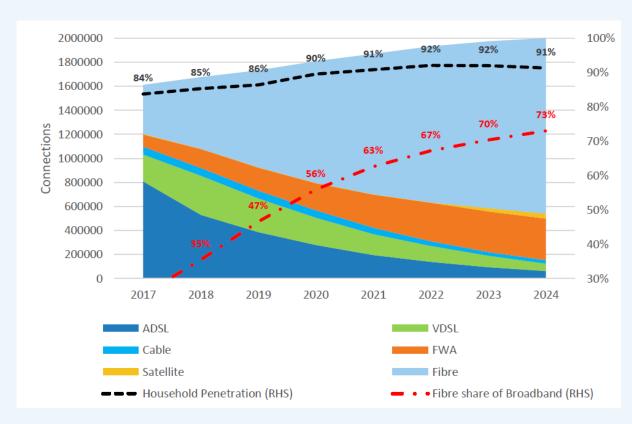
Fibre regime now well established; our focus is legacy copper settings

- Fibre RAB has grown through PQP1: \$5.9bn at 31 Dec 2023
- PQP2 period extended to 4 years, up from 3 years for PQP1
- PQP2 capex and opex allowances are workable following constructive feedback process with Commission
- Final PQP2 MAR decision imminent: core RAB depreciation adjustment proposed to reflect MAR tailwinds
- Commission review due in 2025 on copper deregulation

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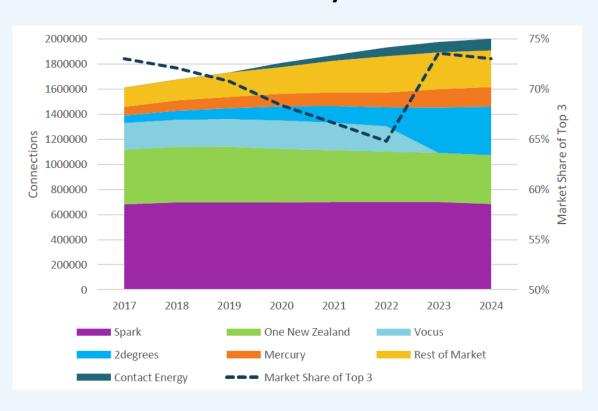
An evolving broadband market – all NZ

Household penetration/fibre share %



Source: IDC Telecommunications Market Analysis & Forecast Report 2024

Market share by retailer





Deloitte October 2024 Report:

"Unleashing fibre: The future of digital fibre infrastructure in New Zealand"

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OUR ROAD TO 2030

10-year outlook with 3 distinct horizons

HORIZON 1 (FY25)

Embed Adaptive Organisation

'getting future fit for purpose'

HORIZON 2 (**FY26-29**)

Growth, Simplicity and Efficiency

'accelerating the benefits from our transition'

HORIZON 3 (FY30-34)

All Fibre Business

'future state, single technology'

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Simplified all fibre business with 80% uptake by 2030.

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Unleashing potential through connectivity. Enabling better futures for Aotearoa.

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Our Ecosystem

OUR PEOPLE

- Enabling better futures for our people: Flexible working practices, wellbeing days, parental leave policy, subsidised broadband and life/income continuance insurance
- Diverse & Inclusive workplace -Gender Tick, Pride Pledge and Accessibility Tick accreditation, Te Ao Māori programme
- Engaged culture Engagement (top 10% of industry), eNPS (top 5% of industry)

OUR ENVIRONMENT

- Doing our bit for a low emission future: Science Based target and supporting Emissions Reduction programme, solar on exchange trial, ewaste programme, energy efficiency focus, Future Fit tool for employees, Recycle a Device support
- Understanding climate change and nature impacts: Climate related risk & opportunity register & action plans, nature related opportunity assessment, climate assessment for asset investment and management, transition planning



OUR CUSTOMERS, PARTNERS AND INVESTORS

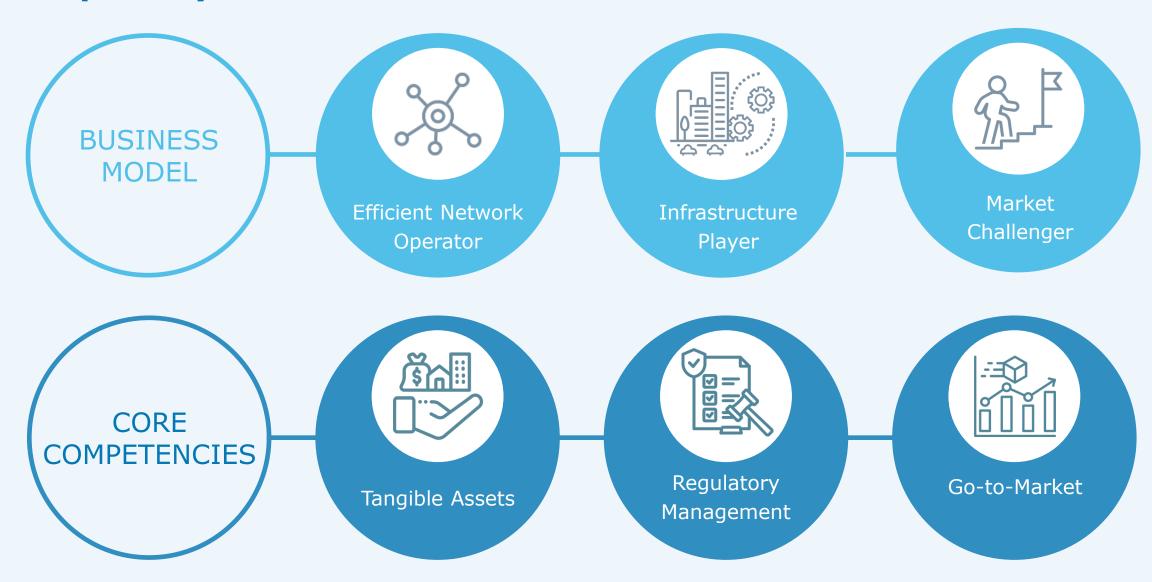
- Telecommunications Forum initiatives on network resilience and climate change
- Worker welfare programme
- Supplier code of practice and supplier forums
- Nokia ESG council participation (Asia region)
- Collaborating for sustainable action: Sustainable Business Council, Climate Leaders Coalition, Sustainable Leaders Summit, ESP BraveGen

OUR COMMUNITIES

- Employee volunteering programme
- Cabinet art programme with local councils
- Charitable donations and support for digital inclusion initiatives (Digital Senior expansion into Auckland and regions, Katoa Connect Hapori Connect Programme, Netsafe get set up for safety)
- New Digital Equity product for vulnerable customers in material hardship

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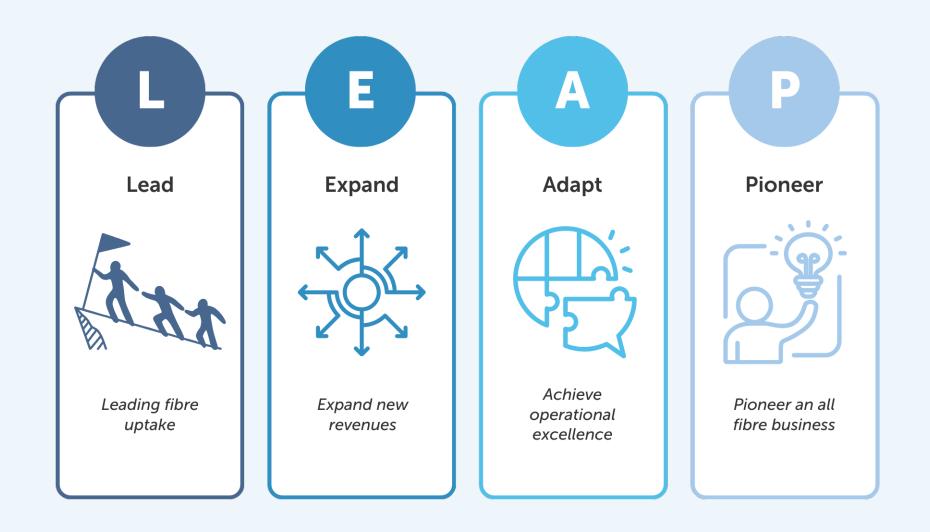
Capability



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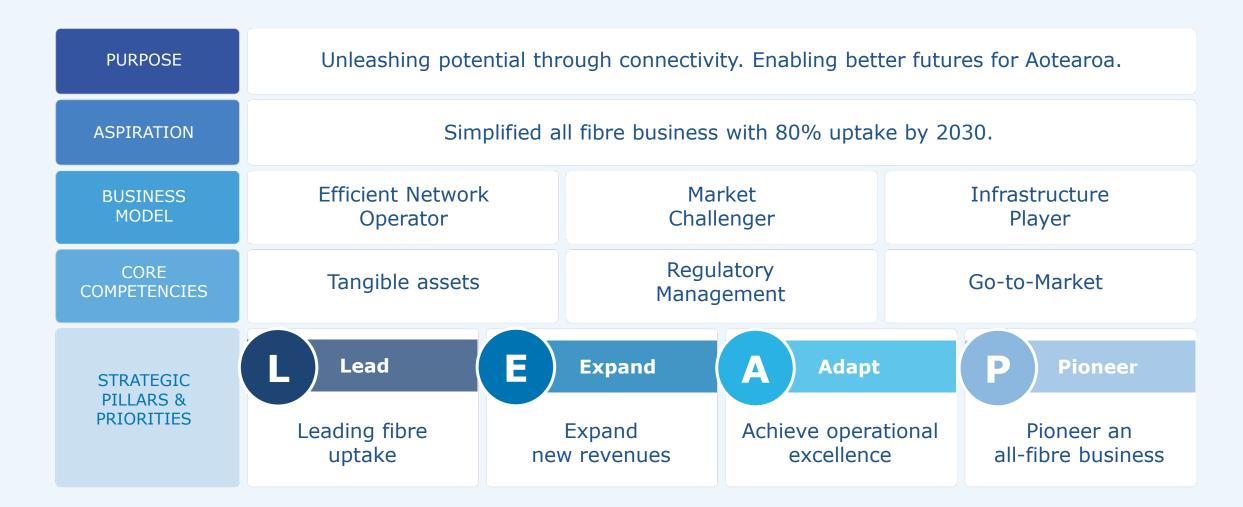
Strategic Pillars



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Our Road to 2030

Growth, Simplicity & Efficiency





Chorus Investor Day

FWA: threat to fibre or a staging post on the road to fibre?

Rupert Wood

2 December 2024



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Fast track to an all-fibre future

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Kurt Rodgers Network Strategy Manager

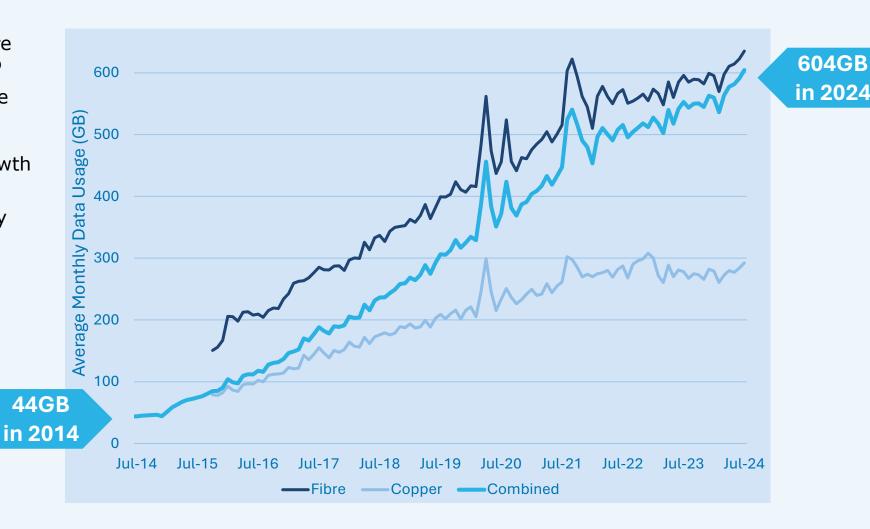
What does the future hold for data demand?

- We forecast solid growth: average ~1TB by 2029
- Underpinned by broadcast TV switch-over to streaming
- Live sports streaming, 4K and AI would boost growth again
- Only fibre can meet future capacity and reliability needs
- Fixed wireless has constraints and is unlikely to scale
- Wi-Fi 7 removes the in-home handbrake, enabling multi-gig broadband speeds

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30% per annum data growth over last decade

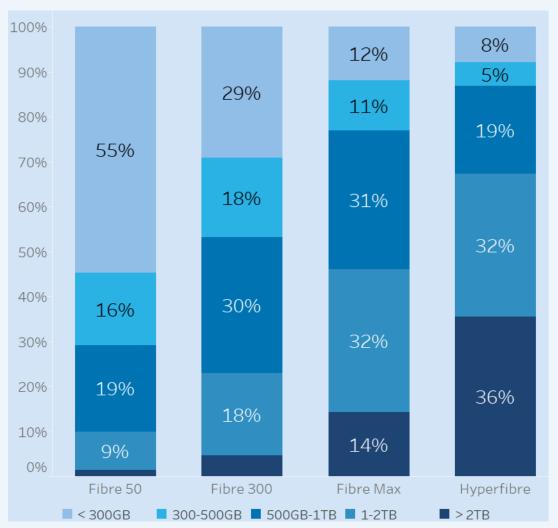
- Customers are using 13x more data today than a decade ago
- 636GB monthly usage on fibre
- 17% using >1TB per month
- Forecast 14% per annum growth over next decade
- Expect ~1TB average monthly usage on fibre by 2029



Source: Chorus Data

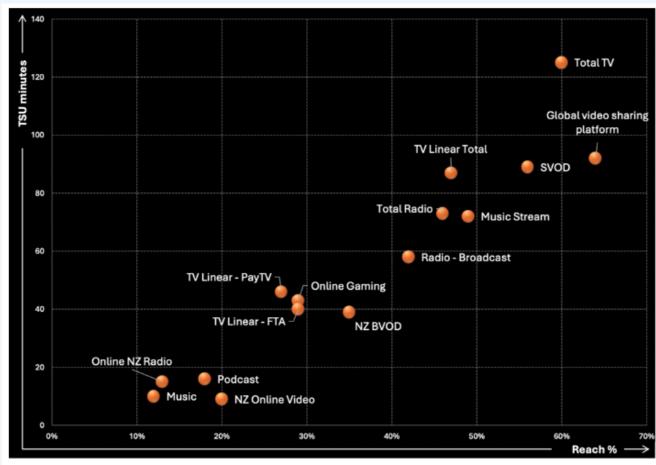
Data usage by speed tier on our network

- Chorus offers different plans to meet customer needs
- Entry level 50Mbps meets low data needs
- High data users are choosing higher speed plans:
 - 36% of Hyperfibre customers use >2TB
 - 46% of Fibre Max customers use >1TB
 - 53% of 300Mbps customers use >500GB



Source: Chorus Data

Audiences are moving online

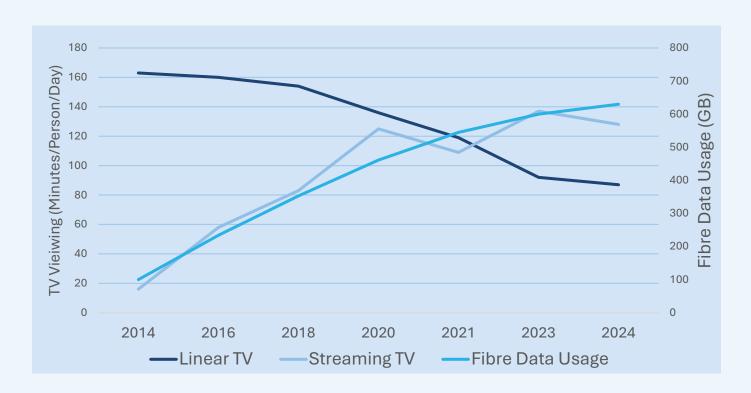


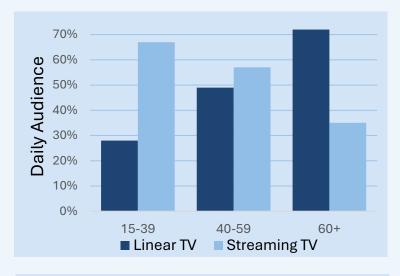
Source: NZ On Air, 2024

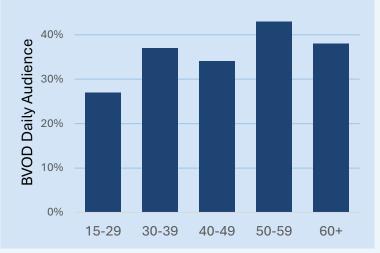
- Global video sharing platforms have the highest daily reach (64%) and viewing minutes (92 per day)
- Subscription video on demand (SVOD) is next highest with 56% reach and 89 minutes/day
- Linear TV is declining but still has 47% reach and 87 minutes/day
- Broadcaster video on demand (BVOD) is fastest growing with 35% reach and 39 minutes/day

The transition to streaming TV hasn't finished

- · Growth in data usage has tracked the shift from linear to streaming TV
- Older generations are still shifting to streaming
- Broadcaster video on demand is more popular with older viewers



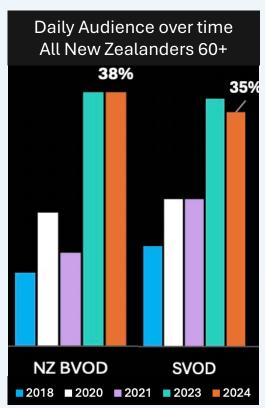




Source: NZ On Air, 2024

Terrestrial TV switch-off will boost low data households

Video on Demand has very high growth amongst 60+



Source: NZ On Air, 2024

25% YoY growth in streaming volume on TVNZ+ platform

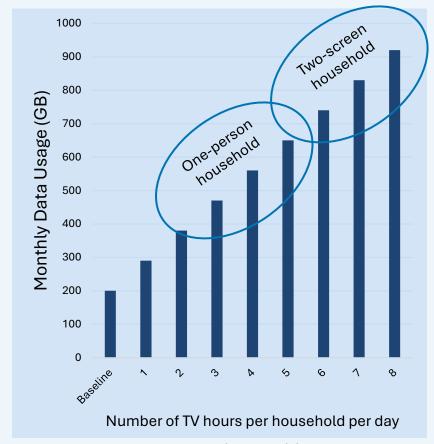
Digital+ TVNZ's 2030 Strategy

OUR DIGITALLY-LED FUTURE

TVNZ is well into a multi-year transformation programme that will take us from being a broadcast-led media business to a digital-first media business. It's our objective to be operating as a genuinely digital-first streamer by 2030.

Source: TVNZ Annual Report 2024

60+ age group watch over 3.5 hours of TV per person per day



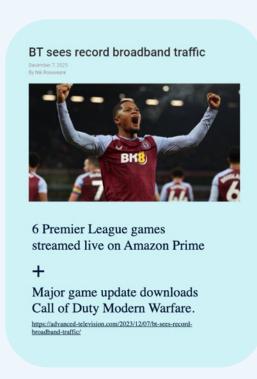
Source: Chorus Model

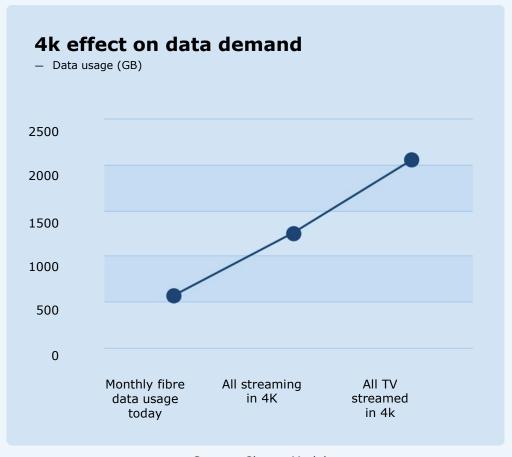
Live Sports, 4K and AI add to data usage and higher peaks

- Live Sports streaming taking off in Europe and US
- Amazon and Netflix are innovating in the sports streaming market
- Sky rolling out hybrid Box and Pod¹
- 7% increase in SkySportNow customers¹
- Sky adding 4K next year²
- RWC 2027 in Australia at peak time
- Game streaming growing at 12%pa³ globally
- Emerging AI demand for bandwidth

Sources:

- (1) Sky Annual Report
- (2) Sky website
- (3) Grand View Research





Source: Chorus Model

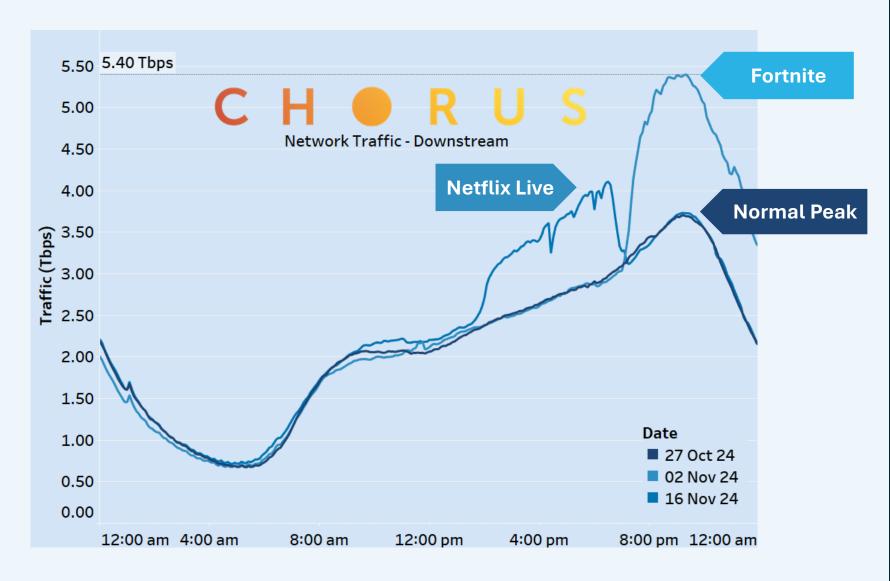
Broadband is getting peakier. Fibre has the capacity

Fortnite Game Download



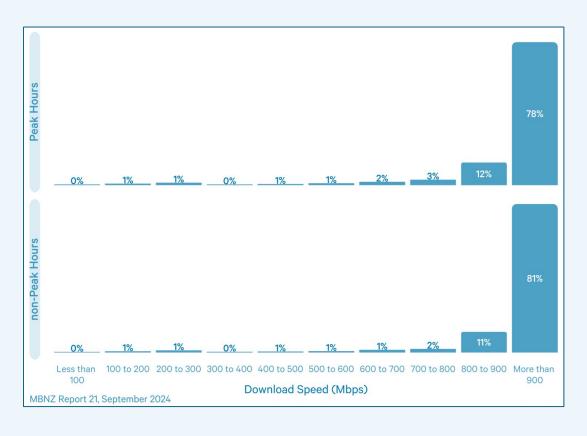
Netflix Live sports streaming



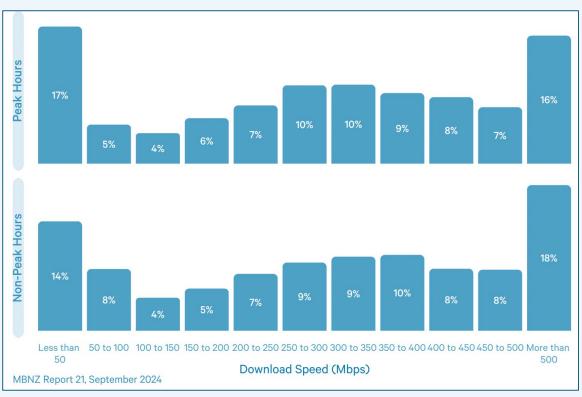


Fibre is a bullet train. FWA is a rollercoaster

Fibre delivers a consistent speed experience, at any location and at any time of day



Fixed wireless performance is unpredictable, it varies by location and time of day



MBNZ Report - Data from Spark's 5G Fixed Wireless plan

Wi-Fi 7 opens in-home networks up for even more growth



- Wi-Fi 7 provides a huge speed uplift:
 - Wi-Fi 5 to $6 = \sim 40\%$
 - Wi-Fi 6 to $7 = \sim 400\%$ uplift
- Wi-Fi 7 supports 2x more devices than Wi-Fi 6
- Wi-Fi 7 devices are coming to market quickly and prices are dropping
- Wi-Fi 7 now offered with Hyperfibre





Elaine Campbell Executive General Manager, Access Value Stream

Driving fibre uptake to 80% by 2030

- Fibre is the global gold standard for broadband technology
- 80% is aspirational but achievable (~240k connections over 6 years)
- NZ fixed wireless market is unique and already highly penetrated
- We're a market challenger, moving from a one-size fits all approach
- Acquisition is our primary focus. We're growing our retention capability
- Winning customer moments that matter are key to growth
- The regulator is playing a greater role in ensuring marketing transparency across broadband technologies

Our road to 80% uptake

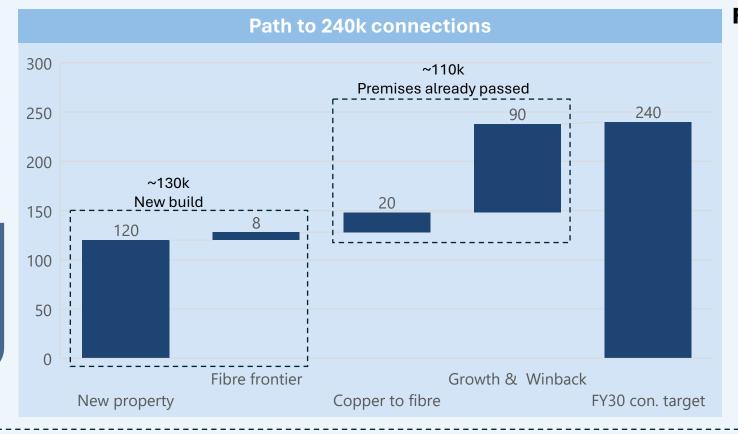
Promoting the superiority of fibre across all channels

Maximise fibre uptake

Develop propositions for underpenetrated segments

Win in customer moments that matter

Moving from 72% to 80% uptake requires ~240k connections



FY25 opportunity pools (overlapping)

~180k Under-penetrated segments

~220k Fixed wireless and HFC

~220k Inactive ONTs

> ~110k UFB2/2+

Maximising acquisition on our website

Any new build

must reach

80% uptake

1.7M users each year chorus.co.nz

NEW ZEALAND RUNS ON FIBRE



14k users per month broadband checker

Under-penetrated segments is a focus to drive uptake

~180k premises

Priority segments

~30k retirement villages



Other segments

~60k Businesses

~30k digitally excluded households



~50k Large MDUs

~10k Holiday homes

Digital equity proof of concept

Target:

Severe/material hardship and very low-income households

Proof of Concept opportunity size:

~7k inactive ONTs



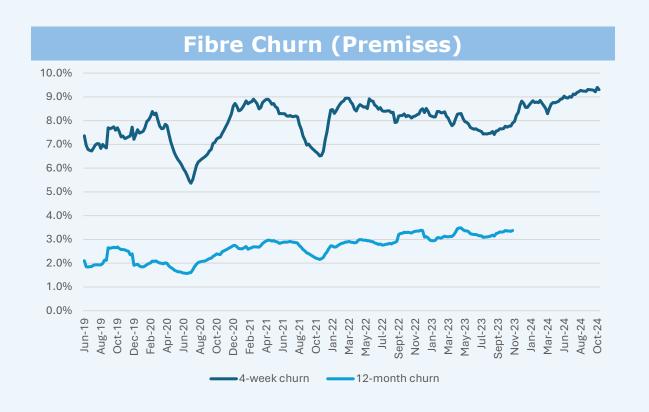
Moving from one size fits all to tailor offers for RSPs



Consumer incentives	Home Fibre Starter	Home Fibre 300	Home Fibre 920	Hyperfibre
New connection (First connection or 12M+ non-connectivity)	\$100	\$200	\$250	\$250
Upgrade (From any plan lower)	-	\$100	\$100	\$200

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Retention is important, we are growing our muscle



~9% premises disconnect for 4+ weeks

~57% premises reconnect within 12 months

12-month premises churn ~4%





Delivering an excellent experience creates fibre advocates

Overall fibre to 5G NPS lead +35

Basic fibre 9 Fibre 300 17 Max Fibre 38

4G FWA -17 5G FWA -14 Word of mouth reach

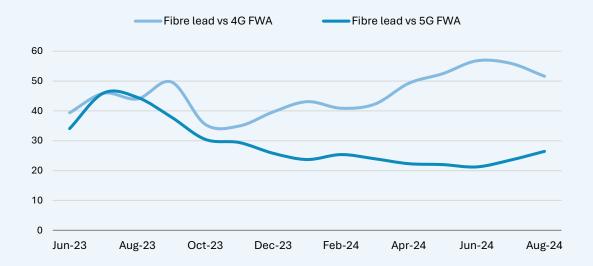
Positive: 4-6
Negative: 10+
88% preference

Install CX **8.4**

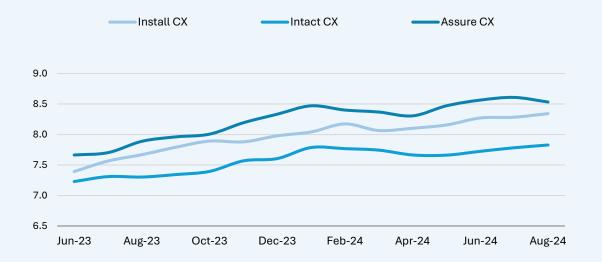
Intact CX **7.9**

Assure CX **8.5**

NPS lead between fibre and total FWA (3M rolling)



CX improvements over time (3M rolling)



Fibre is the gold standard and we're making it better

Fibre Boost 2.0



Investigating introduction of a low-speed plan

From 50/10Mbps to 80/40 or 100/20Mbps

From 300/100Mbps to 500/100Mbps In-home trial



In-home coverage performance checks

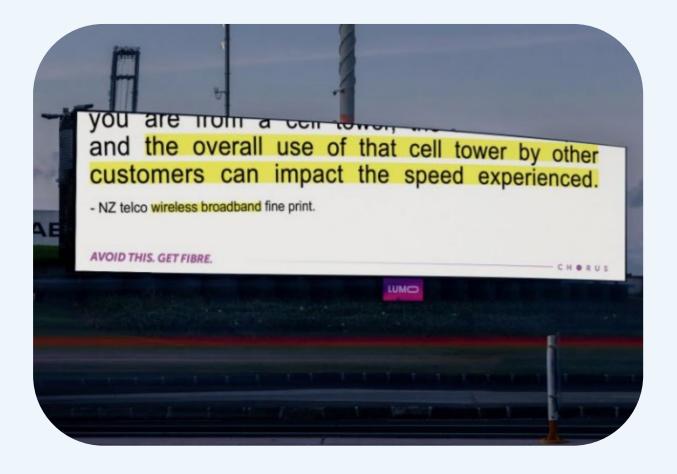
Network setup support

Hyperfibre



Selfinstallation of HF ONTs 2G,4G, 8G available with 25G lab-tested

Fibre is the gold standard. Period.







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Q and A



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Time for a break

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Expand

Mike Shirley Executive General Manager, Infrastructure Value Stream

Demand for digital infrastructure presents strong growth opportunity for Chorus

- New structure brings dedicated resourcing and prioritisation
- Growth opportunities in our core Mobile Infrastructure,
 Data Centre Connectivity, leveraging existing assets
- Our ambition over Horizon 2 is to grow total infrastructure revenues from ~\$155m to \$180-\$200m
- New property development likely to moderate back in volume, but more competitive
- Exploring adjacent opportunities at scale

New Zealand's largest digital infrastructure 'neutral host'



Demand for fibre and digital infrastructure continues to grow

NEW

Chorus Infrastructure



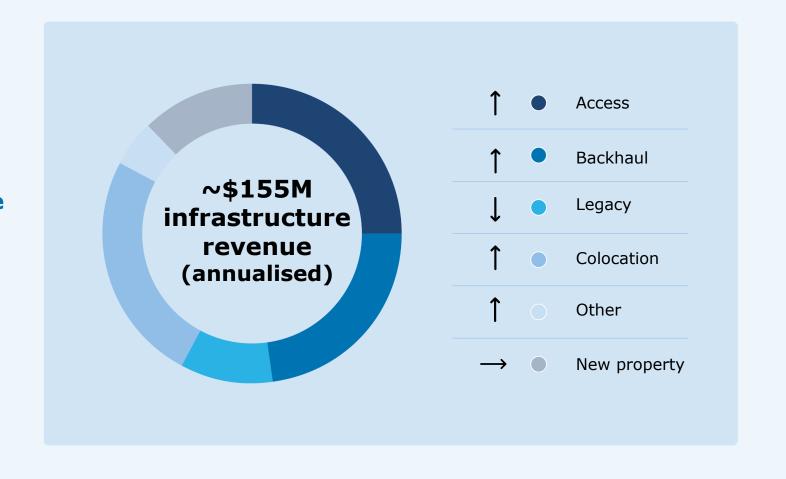
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Infrastructure revenue - overview



Potential path to \$180m to \$200m annual infrastructure revenue by 2030, with incremental upside opportunities.

Note: Infrastructure revenue on this slide includes revenue from various financial reporting lines: fibre broadband, fibre premium, field services, infrastructure and value-added network services.

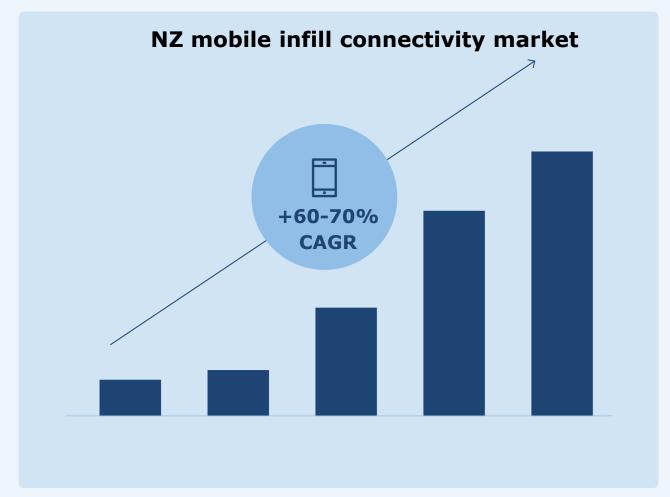


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Mobile Infrastructure segment

Building on our strong existing mobile backhaul portfolio to grow revenue by:

- Connecting ~50% of cell sites today and looking to maintain share as market grows
- Helping tower companies connect new macro cell sites
- Using our poles and fibre solutions to enable 5G densification
- Developing potential industry solution - Precision Timing



Source: Chorus estimates



Annual pipeline of new premises supported by ongoing population growth

- Recession has slowed housing growth and funding in wake of post-COVID building boom
- Solid backbook of developments and developer relationships provides ongoing demand
- Focus on customer experience in competitive market



Fibre connectivity enabling smart towns and cities

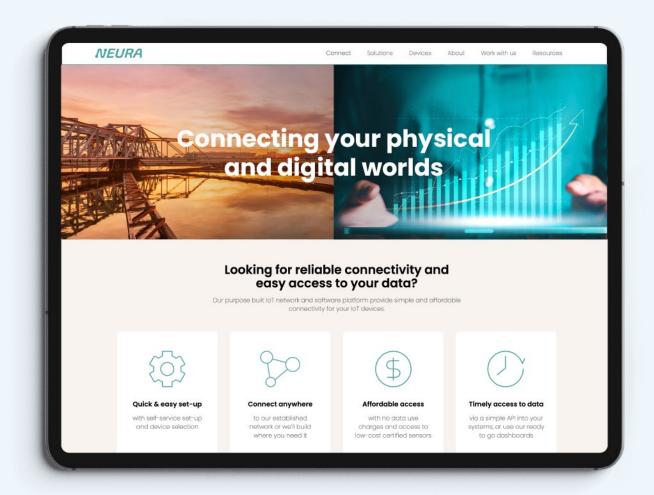
- Connecting non-building CCTV, digital billboard and traffic sites
- ~40% growth to 2,000+ connections over last two years
- High quality video needs drive preference for fibre

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Exploring Option 1

IoT Solutions with Launch of Neura

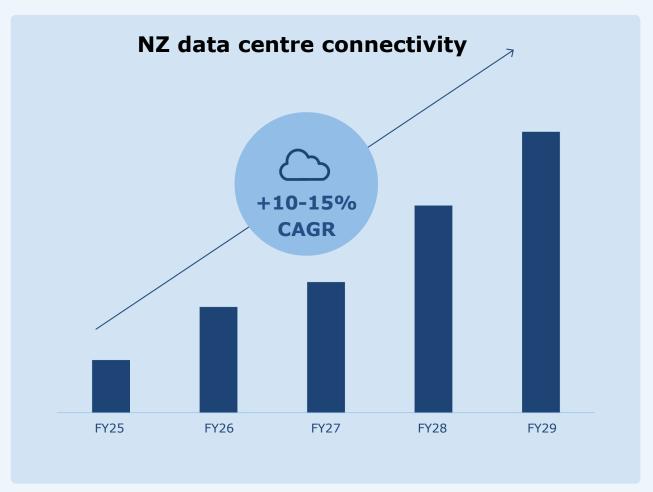
- Neura in-market offering IoT asset management solutions using long-range LoRaWAN technology
- Enables near real-time monitoring and management of critical assets like water, public lighting, power and waste collection
- Ability to utilise Chorus pole assets for lower cost deployment
- Proof of value trials underway





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Cloud migration & AI is driving exponential growth for fibre connectivity



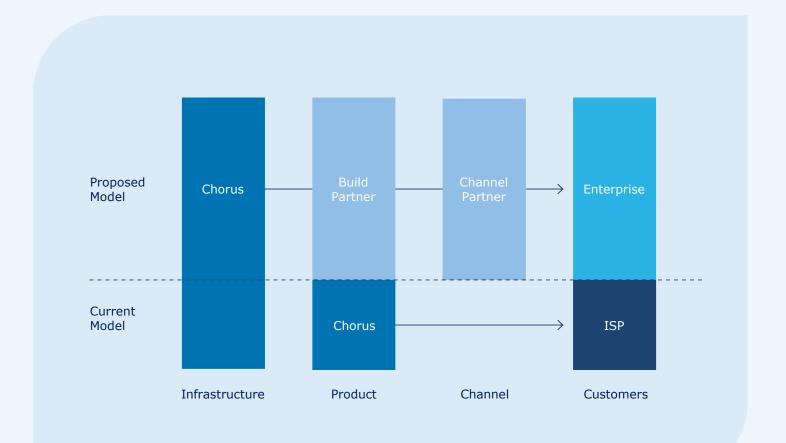


Source: Chorus estimates

Exploring Option 2

New Model to Scale EdgeCentres

- EdgeCentres established in 4
 Chorus exchanges (Auckland;
 Tauranga; Wellington,
 Christchurch)
- Product solution leverages additional co-location space with copper network retirement
- In discussion to develop revenue sharing model with an IT market participant



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Exploring Option 3

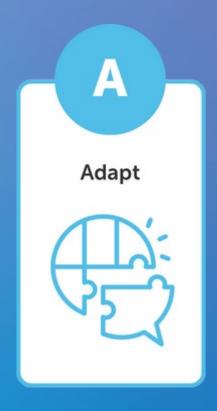
Unlocking Hyperscaler Connectivity

- Investigating opportunity with DataGrid that includes national and trans-Tasman connectivity
- Could unlock a key role for Chorus in burgeoning data centre ecosystem and leverage lower South Island renewable energy
- Builds on Chorus' existing network and plans for enhanced national backhaul
- Exclusive MoU to test demand in 2025



Datagrid (founded by Hawaiki subsea cable founder Remi Galasso) is developing a hyperscale data centre near Invercargill. The facility is to enable an AI training cluster powered by renewable energy, with domestic and international connectivity via a new sub sea cable.

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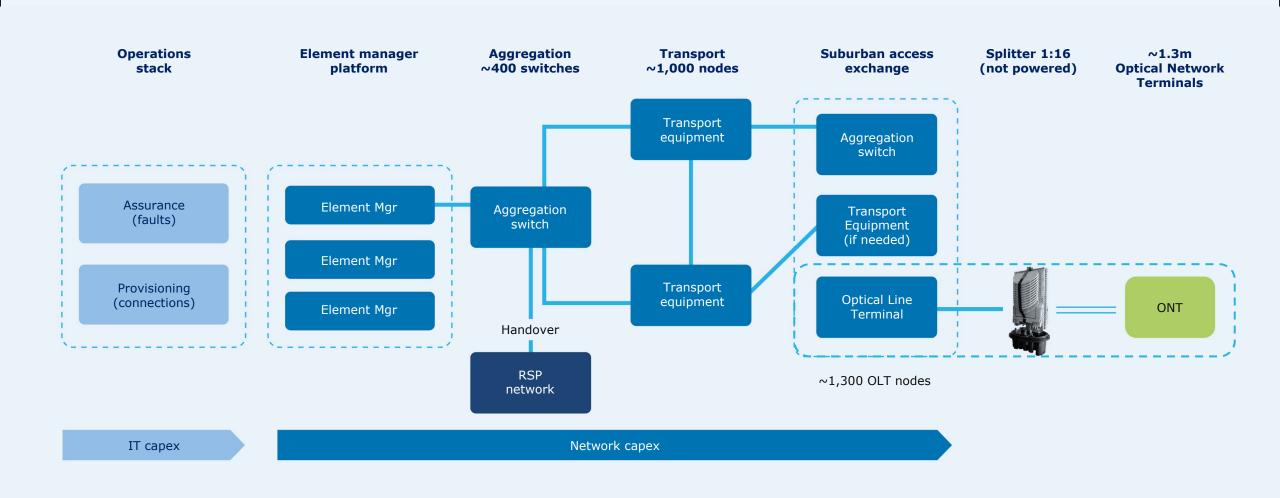


Ewen Powell Chief Technology Officer

Maximising value from our future-proofed fibre network

- Fibre is a highly reliable and scalable network technology
- We're focused on prudent and efficient asset management
- Growing bandwidth demand and regulatory requirements drive ongoing capacity investment
- Increased demand (e.g. bandwidth, Hyperfibre) and asset lifecycle to shape sustaining capex within \$200m to \$240m annual range across Horizon 2

A highly reliable, scalable, future-proofed network



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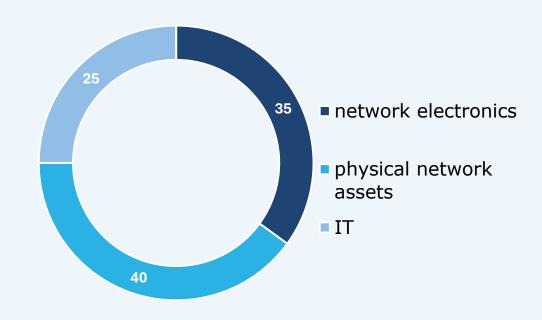
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Prudent and efficient asset management

Investment drivers

- Connection growth, data growth, asset lifecycle management, product and business improvements
- Regulatory regime drives data-driven decision-making and 10-year asset management planning
- Expect sustaining capex to remain within \$200m to \$240m range through Horizon 2
 - copper spend relating to shared assets, roadworks and poles will change across the period
 - spend at top of range would reflect strong customer demand (e.g. capacity, Hyperfibre upgrades) and lifecycle replacement

Annual sustaining capex (%)



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Network electronics

Investment drivers

Capacity

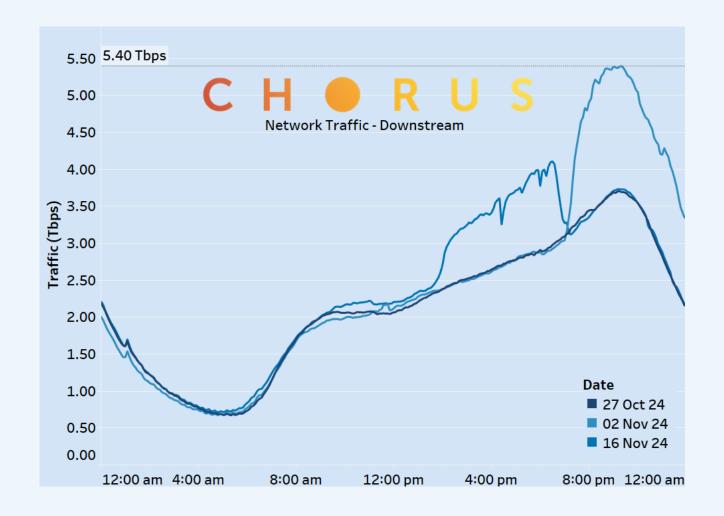
- Peak bandwidth growth ~21% p.a.
- 60% utilisation trigger, to stay within 90% regulatory standard

Lifecycle

- Equipment (5-10yrs); software (2yrs)
- Investment phased to smooth capital and optimise field activity.

Products and customer demand

- Multi-gigabit (Hyperfibre) requires replacement ONT
- Technology roadmap to 25G PON



Physical network assets

Investment drivers

Lifecycle

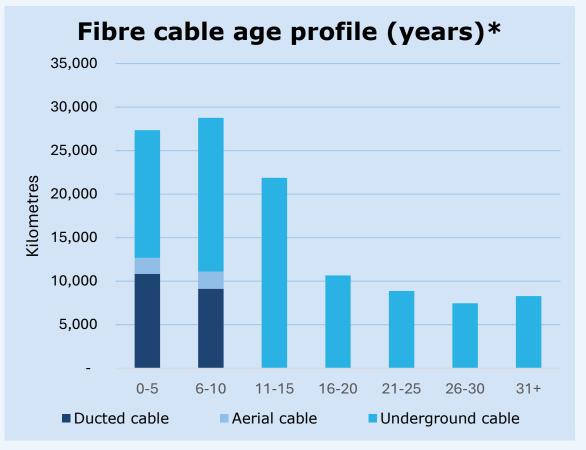
- Significant proportion of physical assets pre-date UFB roll-out
- ~8,000km shared legacy fibre 30+ years
- Replacement subject to asset performance (574km planned through PQP2) and investment optimised through timing and partnering

· General sustain spend and safety

- Seismic strengthening
- Poles, pits and manholes, high sites

Third party infrastructure changes

- Roadworks, power network undergrounding
- Resilience (growth capex if new fibre route)
 - ~\$57m in PQP2 for towns with 3,000+ customers and diversified exchanges



^{*}Excludes service leads

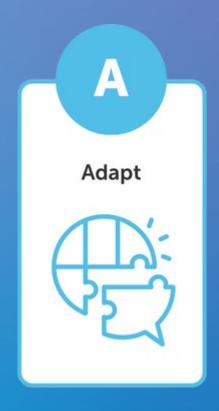


IT investment

Investment drivers

- Lifecycle management
 - ~50% of IT spend: enterprise, provisioning and assurance systems
 - strong focus on cyber security
- Process and product development or improvement
 - \sim 50% of IT spend on developing new products and systems to support growth initiatives , customer experience and business improvement opportunities
 - 90%+ of fibre processes with RSPs automated
 - AI and machine learning used to optimise work-flow and network service. Future opportunities emerging as AI becomes embedded in many SaaS solutions.

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Julian Kersey Chief Corporate & Regulatory Officer

Regulatory outlook

- Workable outcomes for PQP2 provide certainty and stability
- New Zealand fibre compares well globally
- Regulatory simplification is needed over Horizon 2 with a focus on:
 - copper deregulation; and
 - lighter touch fibre regulation.
- Consumer transparency is critical for fair competition

PQP2 outcomes provide certainty and stability

Opex \$790m

Capex \$1,140m

No change to anchor services

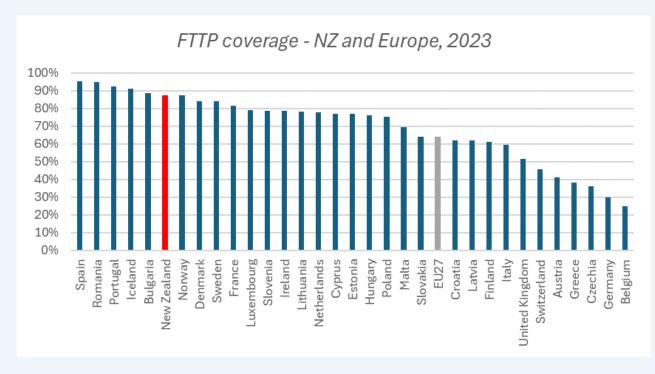
WACC 7.68%

Expenditure allowances



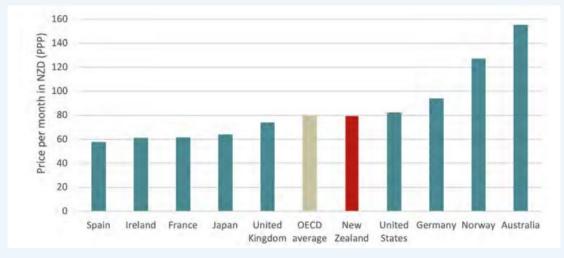
Note: "adjusted" proposal for capex excludes items where we pulled back our planned spend (eg fibre frontier, hyperfibre)

Fibre pricing and coverage compare well globally

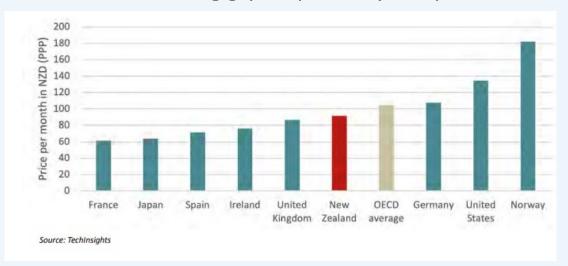


Source: Broadband Coverage in Europe 2023, a study by Omdia and Point Topic for the European Commission, with NZ data added

Price for Fibre 300 (or equivalent) – Sept 2023



Price for Fibre 1 gig (or equivalent) - Sept 2023



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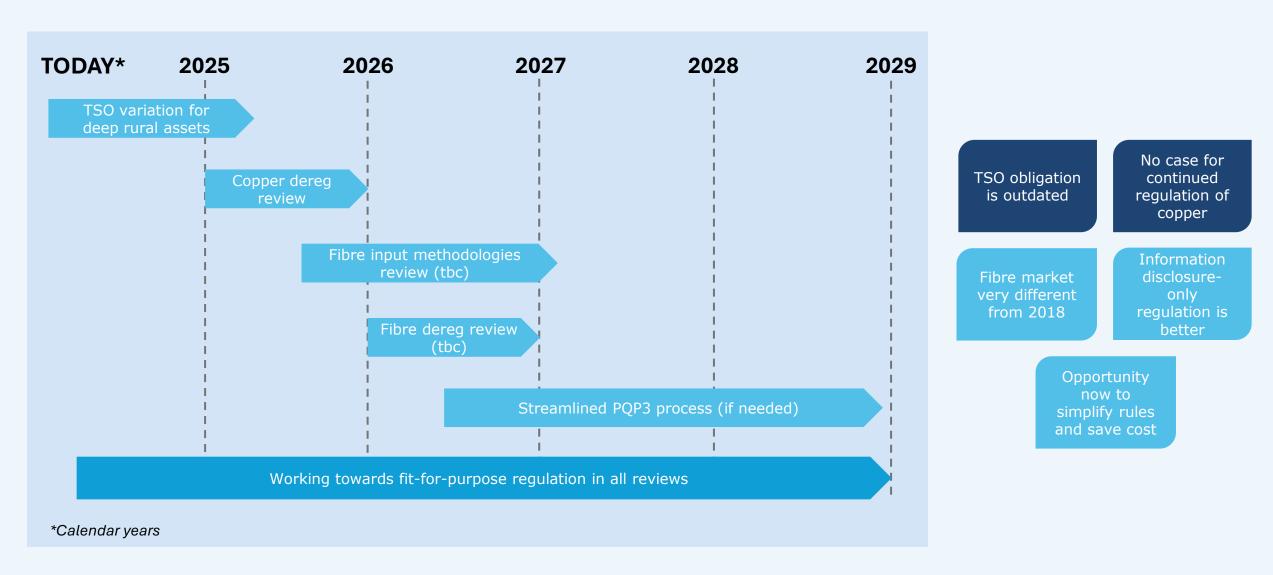
Time to take stock

Existing framework reflects out of date market assumptions

Chorus: ~1.1m connections (service some major centres – e.g. Auckland, Wellington, Dunedin)	Local Fibre Companies (LFCs): ~375k connections (service some major centres – e.g. Hamilton, Tauranga, Christchurch)	Fixed Wireless Networks: ~350k connections (service all major centres)	
Non-discrimination (treat RSPs equally)		None	
Business line restriction (cannot retail)		None	
Unbundling requirement		None	
Revenue cap + Information Disclosure	Information Disclosure only	None	
Anchor products (CPI only price increases on fibre voice, 100Mbps, direct fibre)	None		
Averaged urban/non-urban pricing	No restriction		
Legacy TSO outside Specified Fibre Areas	No TSO requirement		
Legacy 10% ownership cap	No restriction		

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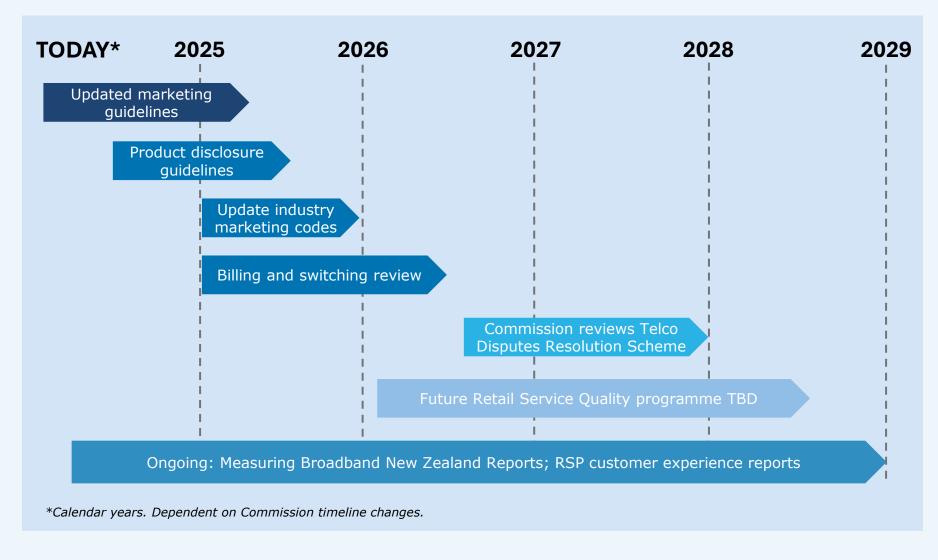
Pathway to simplification by 2030



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Consumer transparency opportunities



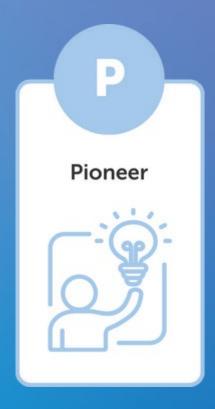
Enabling informed customer decisions

Consistent shopping journey and unbiased up-front info

More meaningful comparisons between products

Shining a light on how different broadband services perform

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Anna Mitchell Executive General Manager, Fibre Frontier Value Stream

Copper retirement and fibre expansion

- Accelerated copper retirement by 2030 is achievable
- Customer outcomes key to delivering on our strategy
- Copper savings building over the coming years, essential to staying FCF+
- Fibre Frontier build tracking well, with strong early interest and uptake
- A strong economic case for fibre expansion for New Zealand

Focusing on copper retirement by 2030

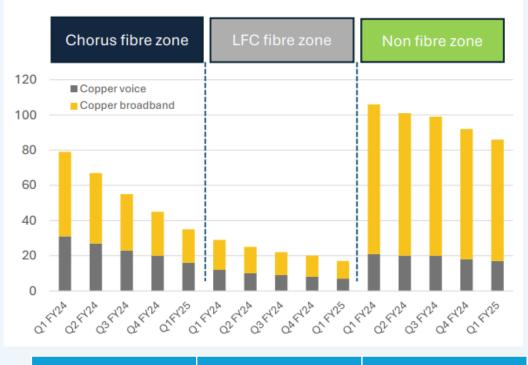
End-to-end copper retirement

Customer transition

Asset optimisation and reuse

Decommissioning and disposal

- Organisational alignment to optimise programme delivery
- Prioritising encouraging and enabling customer transition and migration
- Implementing data-driven tactical approaches using forecast connections and network costs

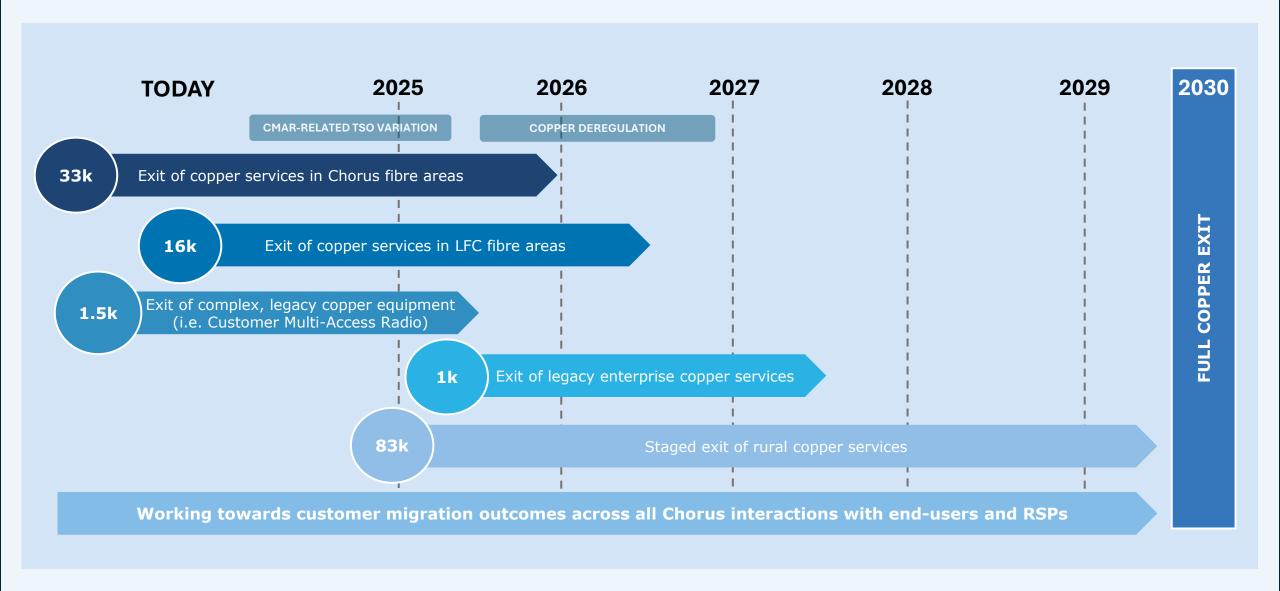


133,000 copper connections remaining (31 Oct)

33,000 16,000 84,000

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Pathway to copper retirement by 2030



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Rural telco market has changed significantly since CNU listed

97%

Rural copper consumers can now access <u>terrestrial</u> wireless alternatives

\$270m

Spent by govt on wireless in rural New Zealand since 2016 – not including the 5G spectrum allocation for extended coverage

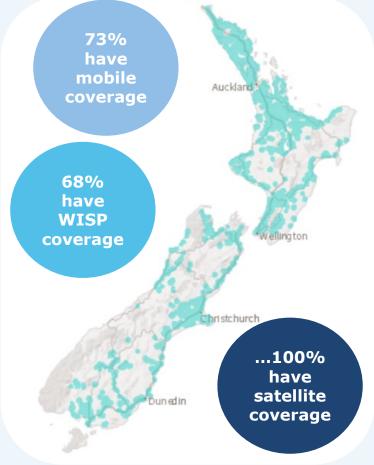
\$79pm

'Residential Lite' Starlink service launched earlier this year

73%

Remaining Chorus copper connections not subject to TSO

Of 345k rural premises...



Commerce Commission Annual Monitoring Report 2023 (Aug 24), Starlink.

Reducing costs in line with declining customer numbers

Cabinets remaining	Chorus Fibre Areas	LFC Fibre Areas	Non-Fibre Areas
5,150	1,000	650	3,500

- Average savings per cabinet ~\$2,500p.a. (electricity and avoided network maintenance)
- Over 1,500 cabinets closed to date
- Cumulative net savings of \$50m from cabinet shutdown between FY25 and FY30
- 100 exchanges in Chorus Fibre Areas with fewer than 50 connections
- Copper capex to continue to steadily decline to 2030



Retirement of Customer Multi-Access Radio systems

Technology surpassed by modern alternatives

Customer numbers have halved in past two years

Serving ~1,300 addresses 800+ sites were used to provide service

Fault rate 15x higher than fibre

Costs significantly exceed revenue





Nevis Country-set repeater station, South Island

Demand for fibre outside current footprint is strong



10k premises due for completion mid-2025



First 10 builds are complete and over 1,000 addresses passed



Build currently underway in **25 areas** across NZ



Over **3,000** expressions of interest – nearly **70%** in first 10 areas



Over **500 installs to date** with more than **300 already live**



40% connections to date from offnet addresses



Exploring Option 4

Fibre Expansion

- NZIER and Deloitte reports show significant socio-economic benefits from high-capacity broadband
- We're encouraging government to consider fibre as part of its Infrastructure Priorities Pipeline
- Chorus would need to meet IRR hurdles to invest in further expansion

\$17b+

Economic gains to New Zealand

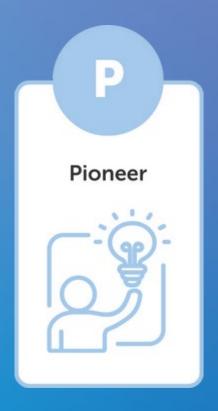
Halve the digital divide

Fibre to 95% of Kiwis

A realistic goal for our country



*combined communal and connection cost



Drew Davies Chief Operating Officer

A solid fibre business with clear upside in Horizon 2

- Enabling our Value Streams to drive growth and optimise operations
- Immediate focus on streamlined go-to-market capability and simplification
- Copper retirement to release \$50m+ of annual direct copper opex by 2030
- Exploring a number of portfolio asset optimisation opportunities
- Strong PQP2 MAR tailwinds and core RAB to grow to ~\$5.2bn through PQP2
- Capital management principles and policy drive investment discipline and sustained dividend growth

CHORUS INVESTOR DAY 2024

We're getting future fit

FY25 guidance unchanged from what we have informed you previously

EBITDA: \$700m-\$720m*

• Sustaining capex: \$200m-\$220m

Gross capex: \$400m-\$440m

Dividend*: 57.5cps unimputed

Where we're headed with our Operations focus

- Continually working with our RSP's on new incentives and products for fibre bundling, such as Fibre Boost
- For the Access Value Stream, we're optimising our Go-To-Market processes to be more adaptive from development to product launch
- For the Infrastructure Value Stream, we're increasing the depth of capabilities to support the new opportunities
- Overall Enterprise focus on improving cost efficiency via simplification and streamlining our operating model into Horizon 2

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^{*}subject to no material adverse changes in circumstances or outlook

Copper cost outlook

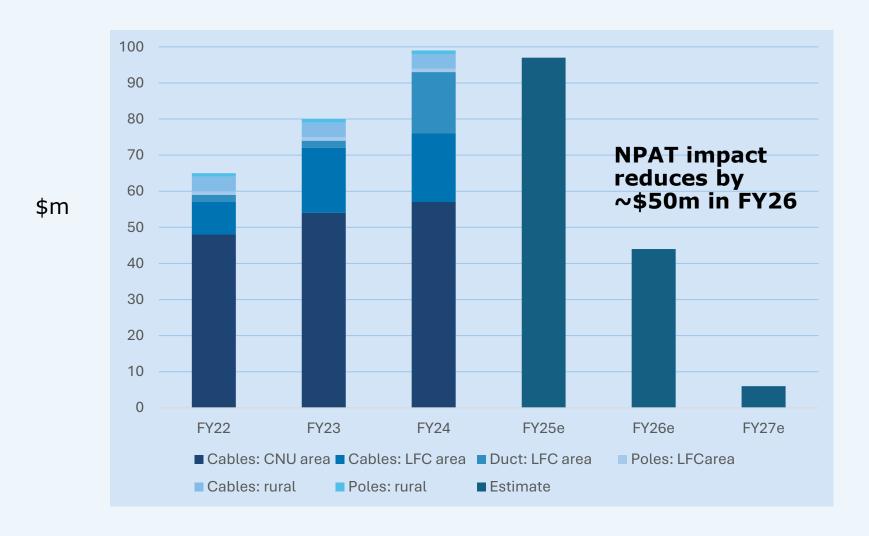
Tight cost control keeps direct copper revenues and costs FCF positive

- Copper capex, net of contributions, \$15m (FY24) and declining as activity transitions to fibre
- Direct copper opex of ~\$54m (FY24) steps down as copper customers migrate to other networks, or to fibre with a lower cost to serve

Direct copper expenses*	FY24 \$m	Outlook to 2030 copper retirement
Network maintenance	27	Reducing as customers migrate to alternative networks: includes faults from the exchange and/or cabinet, through to customer premises
IT	10	Step-change once customer numbers remove need for scale systems
Other network costs	5	\$4m of exit costs in FY24; ongoing exit costs subject to pace of copper retirement and copper recycling programme
Electricity	12	Steady decline as network equipment shuts down
TOTAL	54	

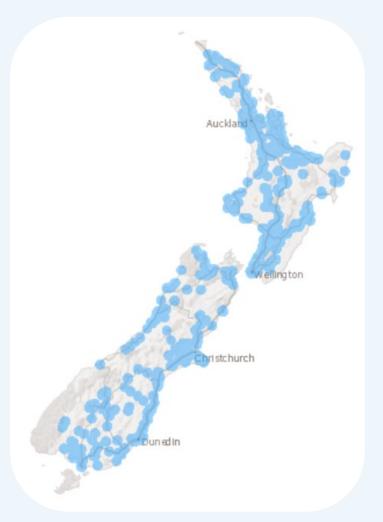
^{*}Note: this summary excludes shared costs and potential property maintenance savings from property optimisation

Accelerated copper depreciation rolls off rapidly





Optimising options for our asset portfolio



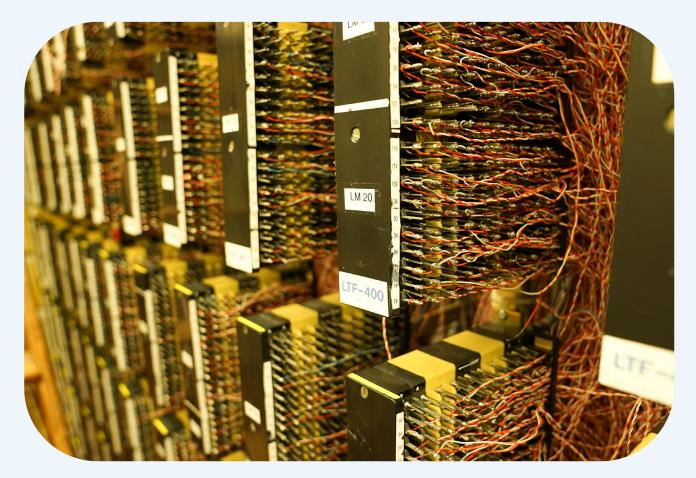
Our assets	Optimisation options
~600 exchanges	 EdgeCentre co-location in emptied copper spaces Sale of non-RAB exchanges as copper removed
~1,100 high sites	 Potential sale of primary sites to towercos Sale to customers or exit retired sites (e.g. CMAR)
130,000km copper cable	Recycle retired copper cable where economic
212,000 poles	Possible 5G mobile/IoT useSale or exit in non-fibre areas
14,700 cabinets	 Potential re-use for other urban telco/utility services, or new innovations such as EV charging, distributed energy
~60,000km duct	 Potential re-use for other urban telco/utility services

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Exploring Option 5

Asset Optimisation on Copper Recovery

- ~4,000km of large copper cable that is economic to recycle
- Trial to assess practicality and economics of cable removal in H2 FY25
- Expect ~3 to 7-year programme



Estimated \$30m-\$50m net proceeds opportunity for large copper cable recycling at current prices

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Exploring Option 6

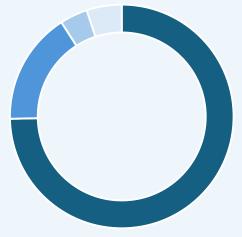
Asset Optimisation on High Sites and Property Sales

- Land and buildings NBV of \$375m (FY24)
- A review is underway of our nationwide high sites portfolio to assess potential options for sale/disposal in FY26
- Chorus' need for other non-RAB land and buildings will reduce as the copper network is retired

Land & Buildings: Net Book Value \$375m

■ UFB area ■ LFC area

Other area
High sites



- ~\$20m of 'high sites' are located across a mix of areas and are used principally for remote network connectivity and wireless co-location (Note: this category includes a large number of low value rural sites)
- A further ~\$75m of land and buildings assets are in LFC and other non-UFB areas that may become surplus – unless required as key fibre transport sites.



MAR and RAB outlook provides certainty to 2028

- Expect final MAR (due next week) to be higher than draft, given final expenditure allowances and our depreciation tilt
- Strong MAR tailwinds in PQP2: WACC 7.68%; ~\$200m wash-up; ~\$85m tax building block from 2028; CPI wash-up in year 1; CIP 'benefit' deduction reduces ~\$6m with refinancing
- We expect to add \$10m-\$20m opex p.a. (to be recovered via wash-up) as copper shuts down in CNU fibre areas from end 2026
- Expect core RAB to grow from \$4.77bn (Dec 2023) to ~\$5.2bn through PQP2, subject to depreciation tilt

PQP2 MAR	2025	2026	2027	2028
Draft MAR	\$908m	\$947.4m	\$983.1m	\$1,017.9m
PQP2 allowances	2025	2026	2027	2028
Opex*	\$189.6m	\$196.3m	\$200.7m	\$202.9m
Capex**	\$327.6m	\$290.6m	\$261.3m	\$260.0m

^{*} opex allowance excludes ~\$20m p.a. of pass-through costs included in MAR

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^{**} capex allowance may increase subject to installation demand and any future incentive proposal

Capital management principles and policy

A digital infrastructure business maximising long-term value and returns

Dividend policy: pay an ordinary dividend of 70% to 90% (on average, over time) of net cash flow from operating activities <u>less</u> sustaining capital expenditure

Net cash flow from operating activities

<u>Less</u> sustaining capital expenditure

= Free cash flow for capital allocation

Less ordinary divided (70% to 90% of free cash flow for capital allocation)

 Capital allocation underpinned by free cash flow from an essential regulated infrastructure asset

Use balance sheet
to fund
discretionary
growth capex - up
to 4.75x
ND/EBITDA

Deliver a sustainable growing dividend, at least in real terms

> Discretionary growth capex must deliver greater value than returning funds to shareholders

Q and A



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Recap: Fast track to an all-fibre future

We're moving quickly to become an all-fibre business by 2030

Focus on leveraging our infrastructure, with new market adjacencies to explore New market challenger posture supports push for 80% uptake

Copper retirement provides opportunities for efficiencies

Regulatory settings on fibre provide clarity and stability for next 4 years

We are enabling better futures for Aotearoa

Thanks for joining us



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