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Te Kāwanatanga o Aotearoa



# QUARTERLY CONNECTIVITY UPDATE

**Q4: to 31 DECEMBER 2023**





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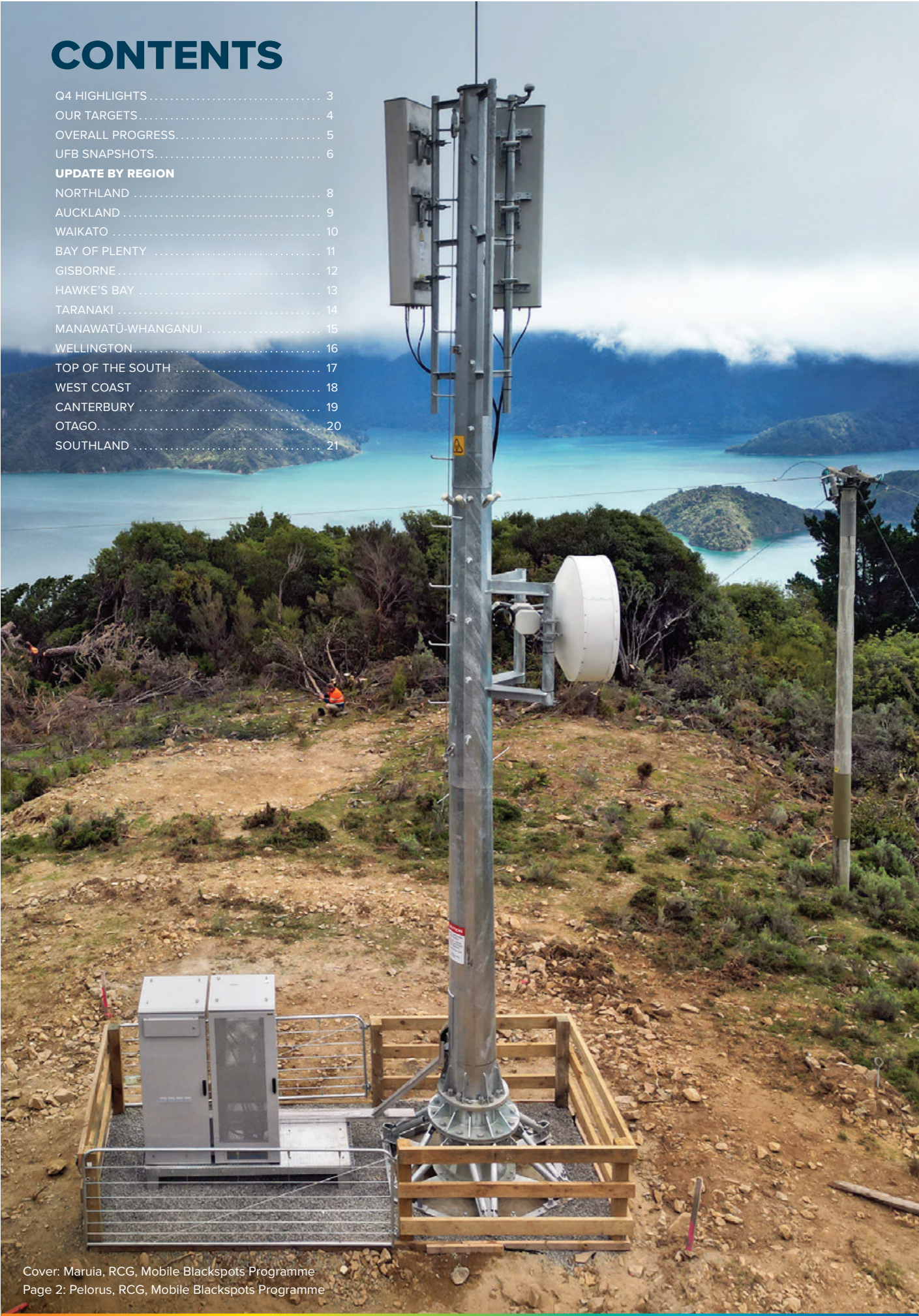
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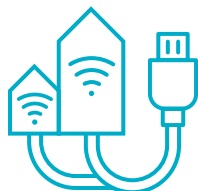


Cover: Maruia, RCG, Mobile Blackspots Programme  
Page 2: Pelorus, RCG, Mobile Blackspots Programme



# Q4 HIGHLIGHTS

OCTOBER - DECEMBER 2023



**13,984**

**UFB  
CONNECTIONS**



**75%**

**UFB UPTAKE**



**4**

**MARAE  
CONNECTED  
THIS QUARTER**



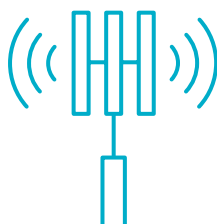
**7**

**MARAE WITH  
HARDWARE  
INSTALLED THIS QUARTER**



**47%**

**UPTAKE ON  
RCG TOWERS**



**24**

**NEW MOBILE  
TOWERS  
COMPLETE**



**28km**

**STATE  
HIGHWAY  
COVERED**



**5**

**NEW TOURISM  
SITES COVERED**



**2,767**

**RURAL HOMES &  
BUSINESSES WITH  
ACCESS TO IMPROVED  
BROADBAND**



**5,554**

**RURAL HOMES  
& BUSINESSES  
WITH BROADBAND CAPACITY  
UPGRADES THIS QUARTER**



**\$14.7m**

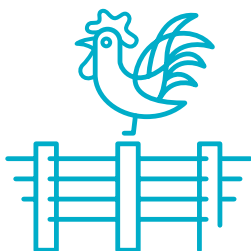
**INVESTMENT  
IN DIGITAL  
CONNECTIVITY  
THIS QUARTER**

# OUR TARGETS

## RURAL CONNECTIVITY AND MOBILE BLACK SPOT TARGETS



**877 ELIGIBLE  
MARAE**  
can connect to broadband  
on request



**~84,000 RURAL  
HOMES &  
BUSINESSES**  
will receive improved  
broadband



**ABOUT 1,400KM**  
of State Highway and over  
**168 TOURISM  
SITES**  
will receive mobile coverage

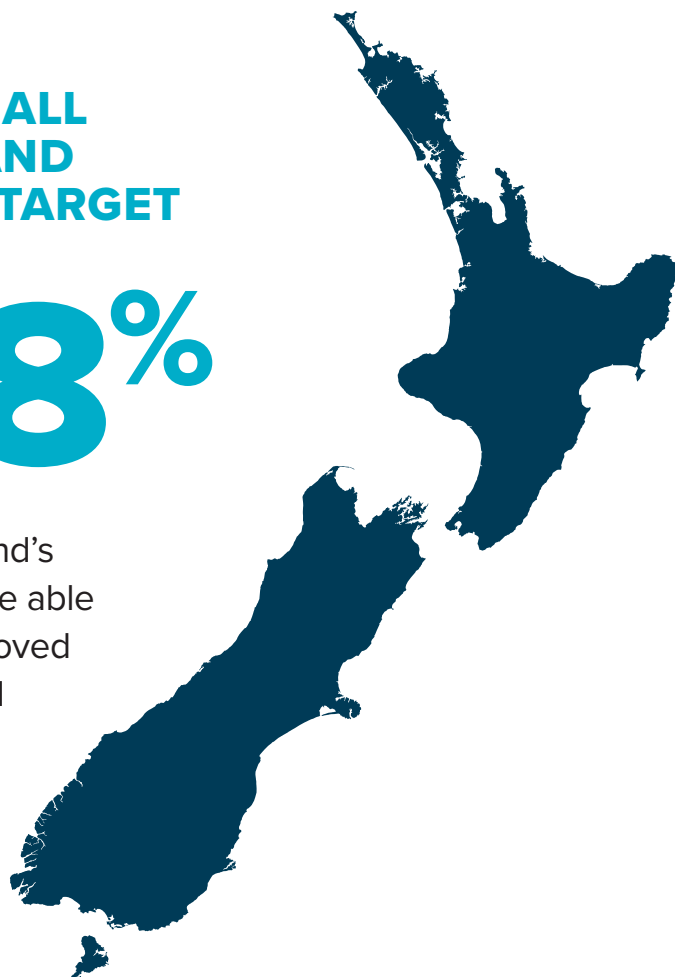


**~70,000 RURAL  
HOMES  
& BUSINESSES**  
with Broadband capacity  
upgrades

## OUR OVERALL BROADBAND AVAILABILITY TARGET

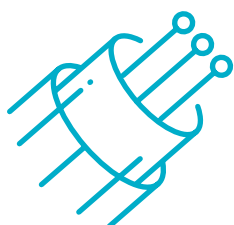
# 99.8%

of New Zealand's  
population will be able  
to access improved  
broadband



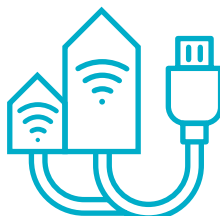
# OVERALL PROGRESS

## ULTRA-FAST BROADBAND (UFB)



**1,837,808 HOMES  
AND BUSINESSES**

with UFB available



**1,373,558 HOMES  
AND BUSINESSES**

connected to UFB



**UPTAKE  
75%**

## UFB WAS COMPLETED IN DECEMBER 2022

### FINANCIAL



**INVESTED  
PTD\***

**\$2.1b**

**Total Investment**

### MARAE DIGITAL



**649**

**MARAE ARE NOW  
CONNECTED**



**640**

**MARAE WITH  
HARDWARE  
INSTALLED**

## RURAL CONNECTIVITY PROGRESS



**83,861 RURAL  
HOMES AND  
BUSINESSES**

can access improved  
broadband  
99% complete



**133  
TOURISM  
SITES**

have mobile  
coverage  
79% complete



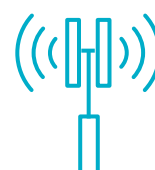
**1,405KM OF  
STATE HIGHWAY\*\***

have mobile  
coverage  
100% complete



**47%**

Uptake on  
RCG towers



**478 MOBILE  
TOWERS\*\*\***

are live  
91% complete



**43,041  
HOMES AND  
BUSINESSES**

with Broadband  
capacity upgrades  
62% complete

\* PTD = Project to Date

\*\* State Highway KM are as-of handover and may have over-delivered on RCG's contract, by incidental coverage or overlapping coverage.

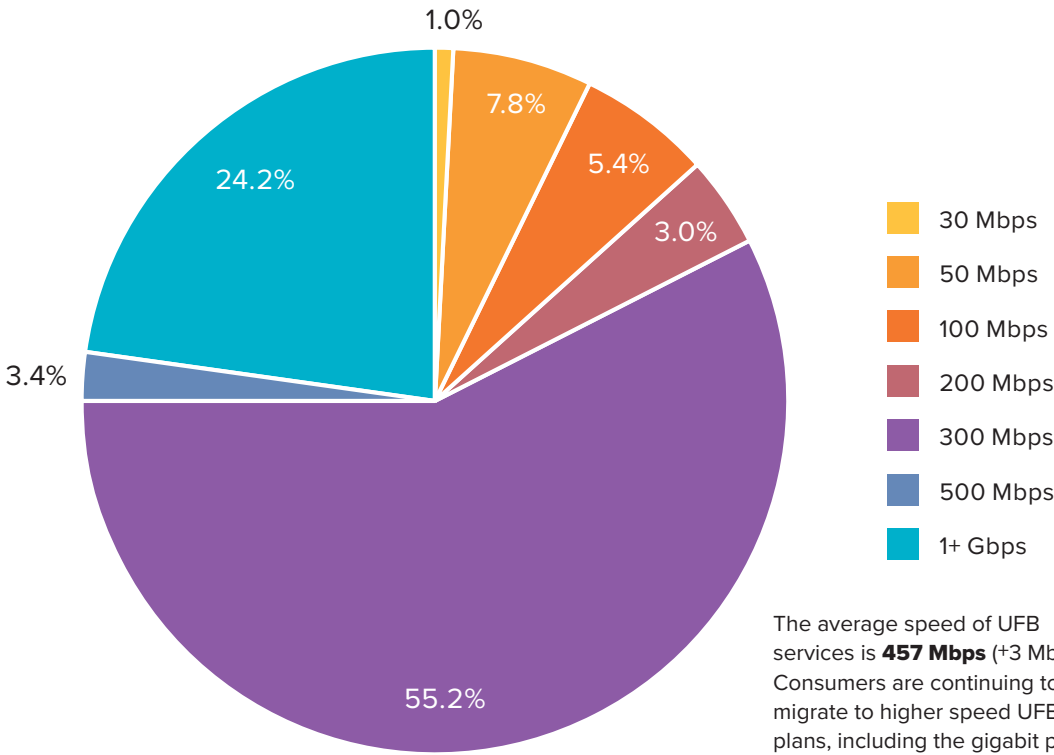
\*\*\* Includes 2 Transmission Gully mobile towers which are funded by Mobile Network Operators (MNOs).

# UFB SNAPSHOTS

## TOP 10 CENTRES FOR UFB UPTAKE THIS QUARTER

RANK	TOWN	UPTAKE %*
1	Waiomu	99%
2	Horotiu	99%
3	Whatawhata	99%
4	Pokeno	99%
5	Te Kauwhata	99%
6	Pirongia	99%
7	Kerikeri	97%
8	Tuakau	97%
9	Morrinsville	96%
10	Waimauku	92%

## UFB PRODUCT MIX



## GIGABIT CONNECTIONS

328,526

Gigabit connections - end of quarter

6,806

Additional connections this quarter

\* Note: given increases in the baseline end user numbers over time, UFB penetration in some towns has decreased with some previously reported top 10 towns now dropping from the top 10 rankings.



# UPDATE BY REGION







# NORTHLAND



## RURAL CONNECTIVITY

- Rural homes and businesses: **9,544** (**104%** of target)
- State Highways covered: **131km** (**115%\*\*** of target)
- Tourist sites covered: **12** (**80%** of target)
- Mobile towers built: **54** (**100%** of target)
- Rural capacity upgrades: **3,592** rural homes and businesses (**56%** of target), with **773** Stop Sells\* upgraded



## MARAE

**130** Marae connected.



## UFB AND FIBRE

- Towns complete: **40**
- Uptake: **69%**
- Connections: **35,949**
- Population with access: **59%**

RANK	TOWN	UPTAKE
1	Kerikeri	97%
2	Waipū	88%
3	Mangawhai	84%
4	Maungatapere	83%
5	One Tree Point	82%



## REGIONAL INVESTMENT

**\$108M**

\* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.

\*\* State Highway KM are as-of handover and may have over-delivered on RCG's contract, by incidental coverage or overlapping coverage.





# AUCKLAND



## RURAL CONNECTIVITY

- Rural homes and businesses: **6,182** (**101%** of target)
- State Highways covered: **16km** (**99%** of target)
- Tourist sites covered: **1** (**50%** of target)
- Mobile towers built: **24** (**86%** of target)
- Rural capacity upgrades: **2,915** rural homes and businesses (**53%** of target), with **631** Stop Sells\* upgraded



## MARAE

**22** Marae connected.



## UFB AND FIBRE

- Towns complete: **31**
- Uptake: **82%**
- Connections: **483,556**
- Population with access: **95%**

RANK	TOWN	UPTAKE
1	Waimauku	92%
2	Kaukapakapa	85%
3	Waiuku	84%
4	Auckland	83%
5	Helensville	81%



## REGIONAL INVESTMENT

**\$497M**

\* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.



# WAIKATO



## RURAL CONNECTIVITY

- Rural homes and businesses: **10,249** (100% of target)
- State Highways covered: **98km** (93% of target)
- Tourist sites covered: **11** (85% of target)
- Mobile towers built: **49** (86% of target)
- Rural capacity upgrades: **10,001** rural homes and businesses (70% of target), with **2,772** Stop Sells\* upgraded



## MARAE

**99** Marae connected.



## UFB AND FIBRE

- Towns complete: **61**
- Uptake: **74%**
- Connections: **127,117**
- Population with access: **79%**

RANK	TOWN	UPTAKE
1	Waiomu	99%
2	Horotiu	99%
3	Whatawhata	99%
4	Pokeno	99%
5	Te Kauwhata	99%



## REGIONAL INVESTMENT

**\$233M**

\* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.





# BAY OF PLENTY



## RURAL CONNECTIVITY

- Rural homes and businesses: **6,052** (**99%** of target)
- State Highways covered: **52km** (**76%** of target)
- Tourist sites covered: **9** (**100%** of target)
- Mobile towers built: **23** (**88%** of target)
- Rural capacity upgrades: **4,976** rural homes and businesses (**68%** of target), with **1,526** Stop Sells\* upgraded



## MARAE

**129** Marae connected.



## UFB AND FIBRE

- Towns complete: **24**
- Uptake: **75%**
- Connections: **93,216**
- Population with access: **85%**

RANK	TOWN	UPTAKE
1	Tauranga	82%
2	Kawerau	75%
3	Coastlands	70%
4	Rotorua	69%
5	Whakatāne	68%



## REGIONAL INVESTMENT

**\$136M**

\* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.



# GISBORNE



## RURAL CONNECTIVITY

- Rural homes and businesses: **2,386** (**99%** of target)
- State Highways covered: **134km** (**120%\*\*** of target)
- Tourist sites covered: **4** (**100%** of target)
- Mobile towers built: **17** (**94%** of target)
- Rural capacity upgrades: **561** rural homes and businesses (**35%** of target), with **23** Stop Sells\* upgraded



## MARAE

**60** Marae connected.



## UFB AND FIBRE

- Towns complete: **5**
- Uptake: **69%**
- Connections: **10,700**
- Population with access: **76%**

RANK	TOWN	UPTAKE
1	Gisborne	69%
2	Manutūkē	69%
3	Ruatōria	61%
4	Tolaga Bay	57%
5	Te Karaka	50%



## REGIONAL INVESTMENT

**\$28M**

\* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.

\*\* State Highway KM are as-of handover and may have over-delivered on RCG's contract, by incidental coverage or overlapping coverage.





# HAWKE'S BAY



## RURAL CONNECTIVITY

- Rural homes and businesses: **4,194** (100% of target)
- State Highways covered: **90km** (87% of target)
- Tourist sites covered: **6** (67% of target)
- Mobile towers built: **38** (90% of target)
- Rural capacity upgrades: **1,142** rural homes and businesses (51% of target), with **293** Stop Sells\* upgraded



## MARAE

**59** Marae connected.



## UFB AND FIBRE

- Towns complete: **14**
- Uptake: **69%**
- Connections: **43,076**
- Population with access: **82%**



RANK	TOWN	UPTAKE
1	Whirinaki	84%
2	Bay View	83%
3	Waipawa	80%
4	Otane	79%
5	Waipukurau	77%



## REGIONAL INVESTMENT

**\$81M**

\* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.



# TARANAKI



## RURAL CONNECTIVITY

- Rural homes and businesses: **2,540** (**105%** of target)
- State Highways covered: **66km** (**84%\*\*** of target)
- Tourist sites covered: **3** (**100%** of target)
- Mobile towers built: **16** (**94%** of target)
- Rural capacity upgrades: **2,452** rural homes and businesses (**70%** of target), with **343** Stop Sells\* upgraded



## MARAE

**32** Marae connected.



## UFB AND FIBRE

- Towns complete: **17**
- Uptake: **72%**
- Connections: **32,098**
- Population with access: **78%**

RANK	TOWN	UPTAKE
1	Lepperton	88%
2	New Plymouth	76%
3	Hāwera	73%
4	Stratford	64%
5	Inglewood	63%



## REGIONAL INVESTMENT

**\$49M**

\* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.  
\*\* Post geographical review, State Highway KM was reduced.





# MANAWATŪ-WHANGANUI



## RURAL CONNECTIVITY

- Rural homes and businesses: **11,147** (**99%** of target)
- State Highways covered: **74km** (**85%** of target)
- Tourist sites covered: **3** (**50%** of target)
- Mobile towers built: **34** (**87%** of target)
- Rural capacity upgrades: **2,051** rural homes and businesses (**58%** of target), with **545** Stop Sells\* upgraded



## MARAE

**64** Marae connected.



## UFB AND FIBRE

- Towns complete: **36**
- Uptake: **66%**
- Connections: **63,477**
- Population with access: **80%**



RANK	TOWN	UPTAKE
1	Longburn	88%
2	Summerhill	78%
3	Feilding	74%
4	Palmertson North	73%
5	Ōhau	73%



## REGIONAL INVESTMENT

**\$136M**

\* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.



# WELLINGTON



## RURAL CONNECTIVITY

- Rural homes and businesses: **3,670** (94% of target)
- Tourist sites covered: **3** (60% of target)
- Mobile towers built: **21** (100% of target)
- Transmission Gully\*\*: **2** mobile towers built (50% of target)
- Rural capacity upgrades: **741** rural homes and businesses (35% of target), with **242** Stop Sells\* upgraded



## MARAE

**22** Marae connected.



## UFB AND FIBRE

- Towns complete: **16**
- Uptake: **70%**
- Connections: **155,856**
- Population with access: **95%**

RANK	TOWN	UPTAKE
1	Carterton	82%
2	Otaihanga	78%
3	Waikanae	76%
4	Ōtaki	75%
5	Greytown	75%



## REGIONAL INVESTMENT

**\$200M**

\* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.  
\*\* Transmission Gully mobile towers are funded by Mobile Network Operators (MNOs).



# TOP OF THE SOUTH



## RURAL CONNECTIVITY

- Rural homes and businesses: **4,466** (89% of target)
- State Highways covered: **144km** (105%\*\* of target)
- Tourist sites covered: **13** (87% of target)
- Mobile towers built: **40** (89% of target)
- Rural capacity upgrades: **1,388** rural homes and businesses (39% of target), with **266** Stop Sells\* upgraded



## MARAE

**7** Marae connected.



## UFB AND FIBRE

- Towns complete: **22**
- Uptake: **73%**
- Connections: **40,967**
- Population with access: **78%**



RANK	TOWN	UPTAKE
1	Ruby Bay	87%
2	Nelson	83%
3	Brightwater	77%
4	Blenheim	69%
5	Fairhall	67%



## REGIONAL INVESTMENT

**\$83M**

\* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.

\*\* State Highway KM are as-of handover and may have over-delivered on RCG's contract, by incidental coverage or overlapping coverage.





# WEST COAST



## RURAL CONNECTIVITY

- Rural homes and businesses: **2,595** (91% of target)
- State Highways covered: **271km** (104%\*\* of target)
- Tourist sites covered: **25** (86% of target)
- Mobile towers built: **45** (90% of target)
- Rural capacity upgrades: **117** rural homes and businesses (12% of target), with **28** Stop Sells\* upgraded



## MARAE

**5** Marae connected.



## UFB AND FIBRE

- Towns complete: **26**
- Uptake: **59%**
- Connections: **7,648**
- **204** kilometres of Fibre Link Backhaul built and is complete
- Population with access: **68%**



## REGIONAL INVESTMENT

**\$65M**

RANK	TOWN	UPTAKE
1	Hokitika	77%
2	Taylorville	75%
3	Franz Josef	74%
4	Kaniere	71%
5	Runanga	67%

\* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.

\*\* State Highway KM are as-of handover and may have over-delivered on RCG's contract, by incidental coverage or overlapping coverage.



## RURAL CONNECTIVITY

- Rural homes and businesses: **9,894** (102% of target)
- State Highways covered: **115km** (83% of target)
- Tourist sites covered: **18** (64% of target)
- Mobile towers built: **53** (88% of target)
- Rural capacity upgrades: **8,412** rural homes and businesses (73% of target), with **1973** Stop Sells\* upgraded

## MARAE

**14** Marae connected.

## UFB AND FIBRE

- Towns complete: **58**
- Uptake: **74%**
- Connections: **185,405**
- Population with access: **86%**

RANK	TOWN	UPTAKE
1	Rolleston	84%
2	Leeston	83%
3	Darfield	83%
4	Woodend Beach	81%
5	Southbridge	76%

## REGIONAL INVESTMENT

**\$284M**

\* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.



# OTAGO



## RURAL CONNECTIVITY

- Rural homes and businesses: **5,060** (102% of target)
- State Highways covered: **174km** (119\*\*% of target)
- Tourist sites covered: **11** (79% of target)
- Mobile towers built: **30** (97% of target)
- Rural capacity upgrades: **3,634** rural homes and businesses (66% of target), with **539** Stop Sells\* upgraded



## MARAE

**2** Marae connected.



## UFB AND FIBRE

- Towns complete: **43**
- Uptake: **68%**
- Connections: **69,252**
- **43** kilometres of Fibre Link Backhaul built and is complete
- Population with access: **86%**



## REGIONAL INVESTMENT

**\$138M**

RANK	TOWN	UPTAKE
1	Mosgiel	88%
2	Cromwell	84%
3	Stirling	77%
4	Dunedin	74%
5	Pisa Moorings	74%

\* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.

\*\* State Highway KM are as-of handover and may have over-delivered on RCG's contract, by incidental coverage or overlapping coverage.





# SOUTHLAND



## RURAL CONNECTIVITY

- Rural homes and businesses: **5,882** (100% of target)
- State Highways covered: **44km** (107\*\*% of target)
- Tourist sites covered: **14** (88% of target)
- Mobile towers built: **32** (80% of target)
- Rural capacity upgrades: **1,059** rural homes and businesses (62% of target), with **560** Stop Sells\* upgraded



## MARAE

**4** Marae connected.



## UFB AND FIBRE

- Towns complete: **19**
- Uptake: **68%**
- Connections: **25,241**
- **149** kilometres of Fibre Link Backhaul built and is complete
- Population with access: **72%**



RANK	TOWN	UPTAKE
1	Otatara	83%
2	Invercargill	79%
3	Winton	62%
4	Mossburn	51%
5	Te Anau	49%



## REGIONAL INVESTMENT

**\$81M**

\* 'Stop sell' means that a customer who has mobile network coverage is unable to access a new broadband connection because the relevant network tower has no spare capacity.  
\*\* State Highway KM are as-of handover and may have over-delivered on RCG's contract, by incidental coverage or overlapping coverage.