



FME & the ComCom Information Disclosure Schedule 9c Overhead Lines

Presenter

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What is the Commerce Commission Information Disclosure Schedule 9c?

The purpose of the Commerce Commission Information Disclosure Schedule 9c is to provide detailed reporting on overhead lines and underground cables used by electricity distribution businesses (EDBs).

This schedule helps ensure transparency and allows stakeholders to assess the performance and condition of these critical infrastructure components

Sensitive Land

Company Name	Unison Networks Limited
For Year Ended	31 March 2024
Network / Sub-network Name	

SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES

This schedule requires a summary of the key characteristics of the overhead line and underground cable network. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths.

sch ref

9c: Overhead Lines and Underground Cables		Overhead (km)	Underground (km)	Total circuit length (km)
Circuit length by operating voltage (at year end)				
> 66kV		–	–	–
50kV & 66kV		–	–	–
33kV		429	73	502
SWER (all SWER voltages)		111	–	111
22kV (other than SWER)		–	–	–
6.6kV to 11kV (inclusive—other than SWER)		3,782	902	4,684
Low voltage (< 1kV)		1,177	2,929	4,106
Total circuit length (for supply)		5,499	3,904	9,403
Dedicated street lighting circuit length (km)		357	1,516	1,873
Circuit in sensitive areas (conservation areas, iwi territory etc) (km)				368
Overhead circuit length by terrain (at year end)				
		Circuit length (km)	(% of total overhead length)	
Urban		1,325	24%	
Rural		1,321	24%	
Remote only		248	5%	
Rugged only		2,605	47%	
Remote and rugged		–	–	
Unallocated overhead lines		–	–	
Total overhead length		5,499	100%	
Length of circuit within 10km of coastline or geothermal areas (where known)				
		Circuit length (km)	(% of total circuit length)	
		2,434	26%	
Overhead circuit requiring vegetation management				
		Circuit length (km)	(% of total overhead length)	
		5,499	100%	Not required after DY2025
		Total newly identified throughout the disclosure year	Total remaining at high risk at the disclosure year-end	
Number of overhead circuit sites at high risk from vegetation damage			–	Not required before DY2026
Breakdown of overhead circuit sites at high risk from vegetation damage at disclosure year-end				
Category of overhead circuit site	Number of overhead circuit sites at high risk from vegetation damage at disclosure year-end	Number of overhead circuit sites involving critical assets at disclosure year-end		
[Single tree]				Not required before DY2026
[Single tree - Urban]				Not required before DY2026
[Single tree - Rural]				Not required before DY2026
[Row of trees]				Not required before DY2026
[Span between two poles (X metres)]				Not required before DY2026
[Other]				Not required before DY2026
Total number of sites		–	–	Not required before DY2026

* Insert new rows in table above Total line as necessary

Geothermal & Coastal Land

Company Name	Unison Networks Limited
For Year Ended	31 March 2024
Network / Sub-network Name	

SCHEDULE 9c: REPORT ON OVERHEAD LINES AND UNDERGROUND CABLES

This schedule requires a summary of the key characteristics of the overhead line and underground cable network. All units relating to cable and line assets, that are expressed in km, refer to circuit lengths.

sch ref

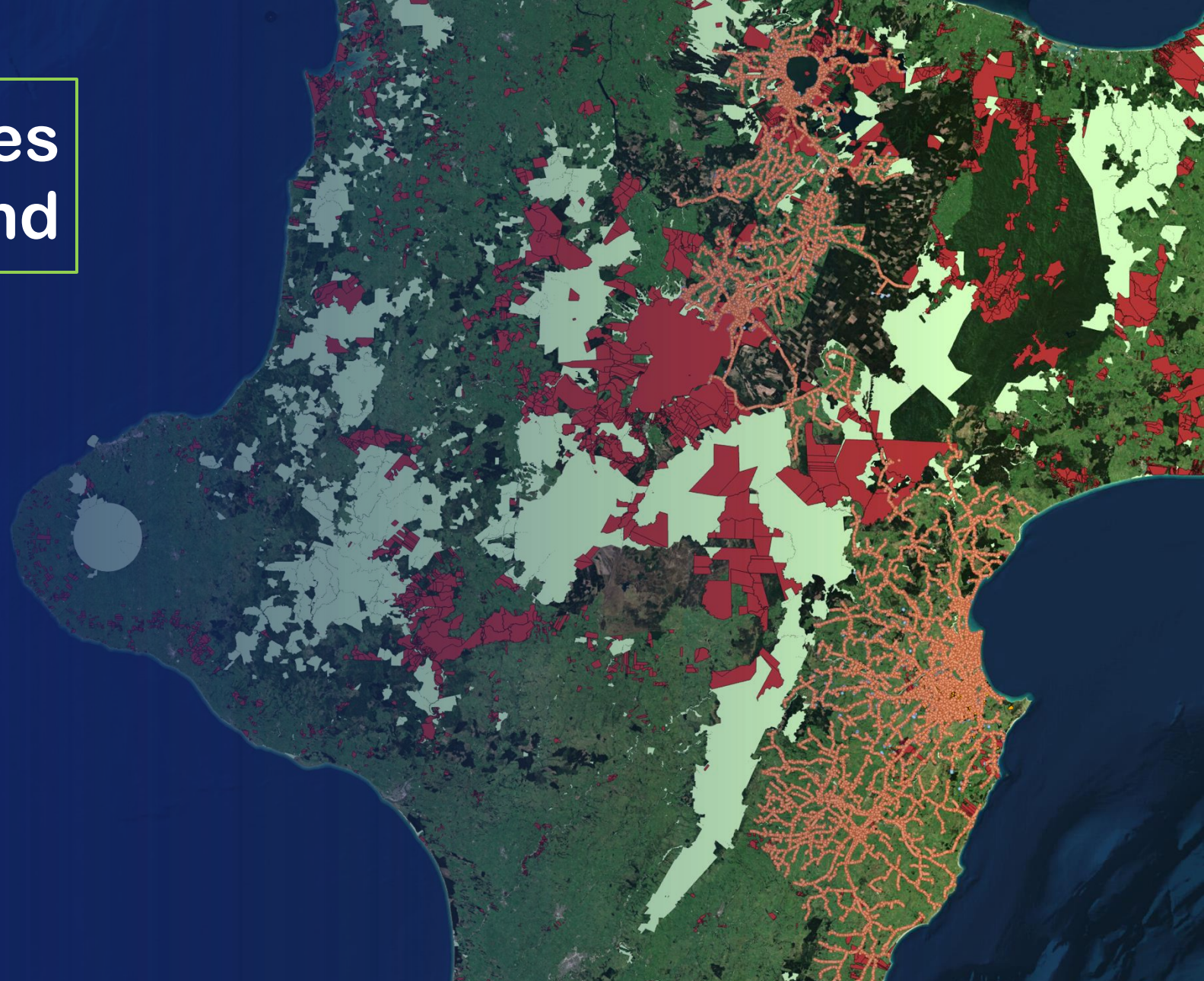
9c: Overhead Lines and Underground Cables		Overhead (km)	Underground (km)	Total circuit length (km)
Circuit length by operating voltage (at year end)				
> 66kV		–	–	–
50kV & 66kV		–	–	–
33kV		429	73	502
SWER (all SWER voltages)		111	–	111
22kV (other than SWER)		–	–	–
6.6kV to 11kV (inclusive—other than SWER)		3,782	902	4,684
Low voltage (< 1kV)		1,177	2,929	4,106
Total circuit length (for supply)		5,499	3,904	9,403
Dedicated street lighting circuit length (km)				
		357	1,548	1,905
Circuit in sensitive areas (conservation areas, iwi territory etc) (km)				
				368
Overhead circuit length by terrain (at year end)				
		Circuit length (km)	(% of total overhead length)	
Urban		1,325	24%	
Rural		1,321	24%	
Remote only		248	5%	
Rugged only		2,605	47%	
Remote and rugged		–	–	
Unallocated overhead lines		–	–	
Total overhead length		5,499	100%	
Length of circuit within 10km of coastline or geothermal areas (where known)				
		Circuit length (km)	(% of total circuit length)	
		2,434	26%	
Overhead circuit requiring vegetation management				
		Circuit length (km)	(% of total overhead length)	
		5,499	100%	Not required after DY2025
Number of overhead circuit sites at high risk from vegetation damage				
		Total newly identified throughout the disclosure year	Total remaining at high risk at the disclosure year-end	
			–	Not required before DY2026
Breakdown of overhead circuit sites at high risk from vegetation damage at disclosure year-end				
	Category of overhead circuit site	Number of overhead circuit sites at high risk from vegetation damage at disclosure year-end	Number of overhead circuit sites involving critical assets at disclosure year-end	
	[Single tree]			Not required before DY2026
	[Single tree - Urban]			Not required before DY2026
	[Single tree - Rural]			Not required before DY2026
	[Row of trees]			Not required before DY2026
	[Span between two poles (X metres)]			Not required before DY2026
	[Other]			Not required before DY2026
	Total number of sites	–	–	Not required before DY2026

* Insert new rows in table above Total line as necessary

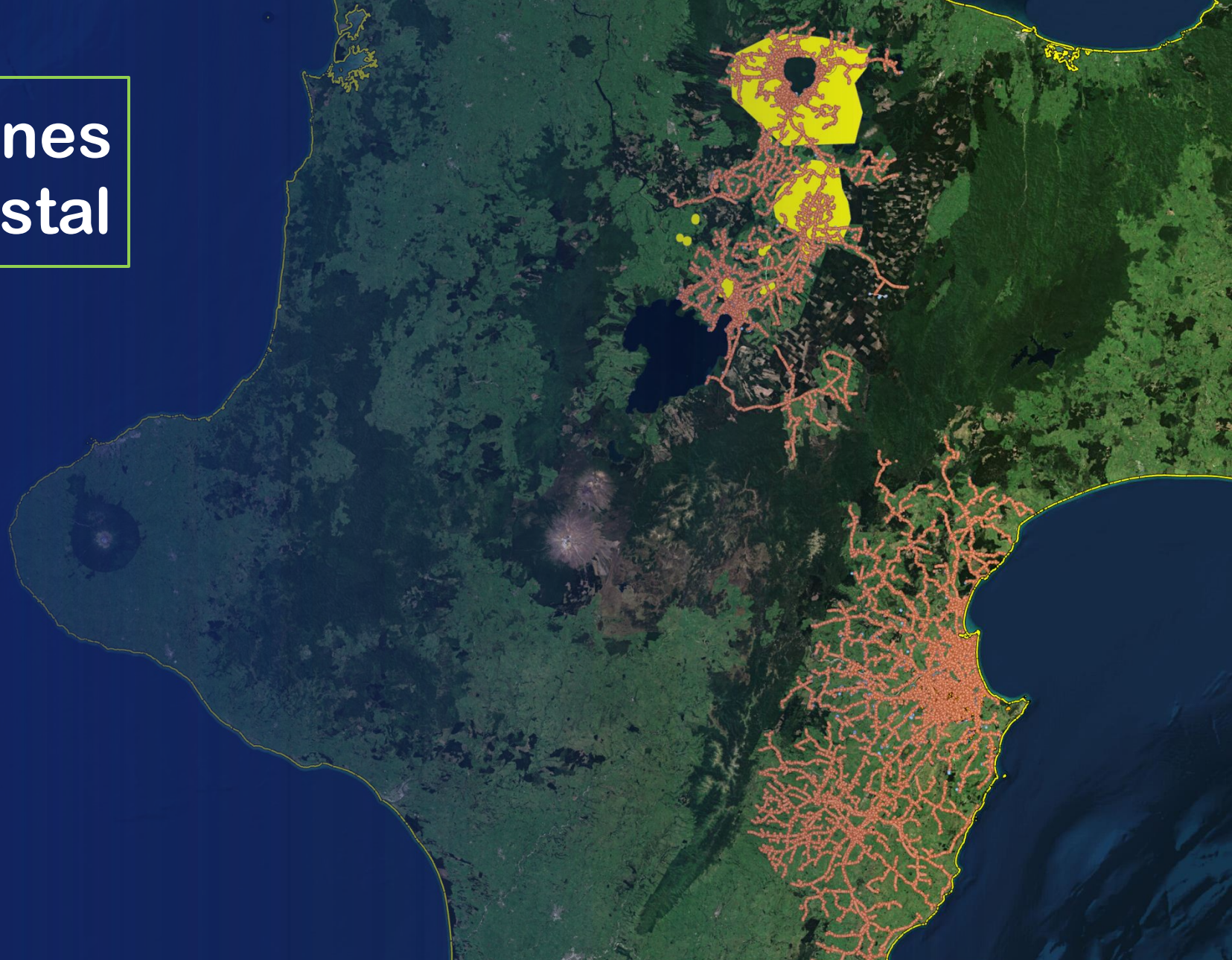
Unison & Centralines Network Coverage



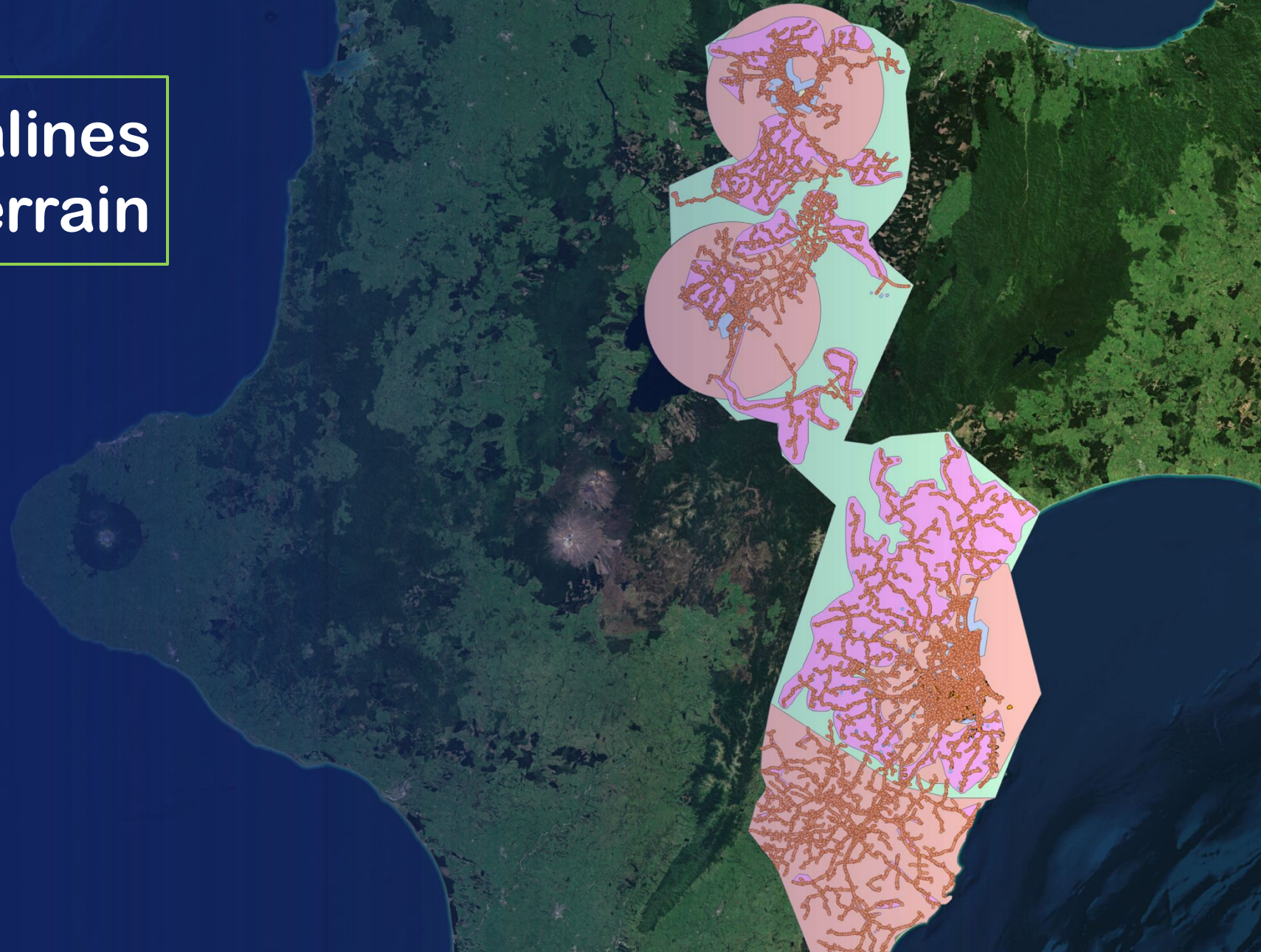
Unison & Centralines Sensitive Land



Unison & Centralines Geothermal & Coastal



Unison & Centralines Terrain



FME Workbench Demo



QUESTIONS?