



**THAME HIGHSTREET
BROADBAND –
CONNECTIVITY PROJECT UPDATE**

Oxfordshire Council
12 August 2025

The challenge

1.



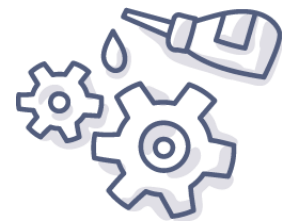
SLOW UNRELIABLE &
OFTEN UNAVAILABLE
CONSUMER CONNECTIVITY

2.



IMPACT TO **STREETSCAPES AND
INFRASTRUCTURE**
UNSUSTAINABLE – CONCERN
FOR PUBLIC SAFETY AND
COMMUNITY AESTHETICS

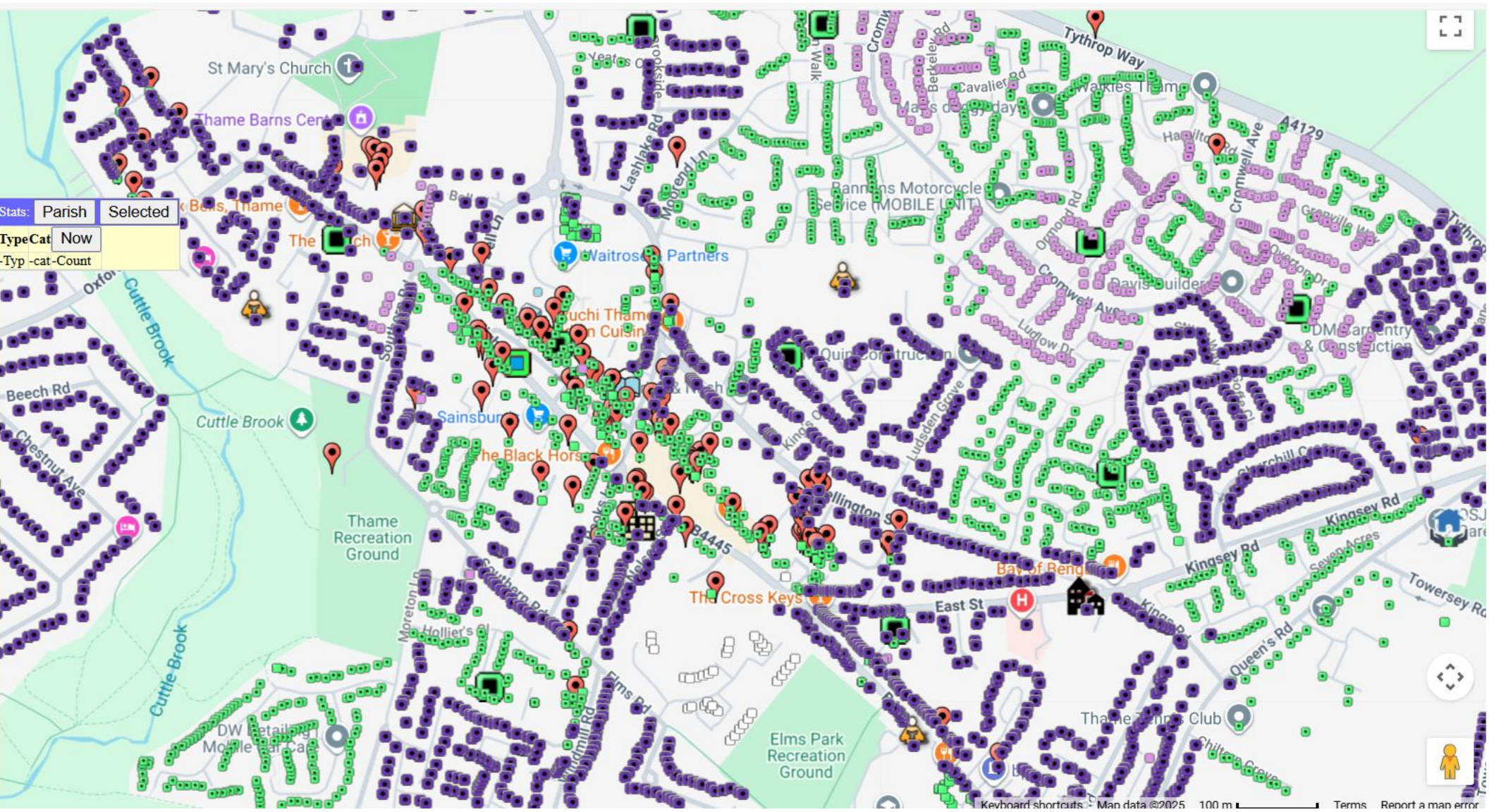
3.



CREATING **FUTURE-READY
OPERATIONS** -
NEAT INFRASTRUCTURE
AND IOT/AUTOMATION
CAPABILITY

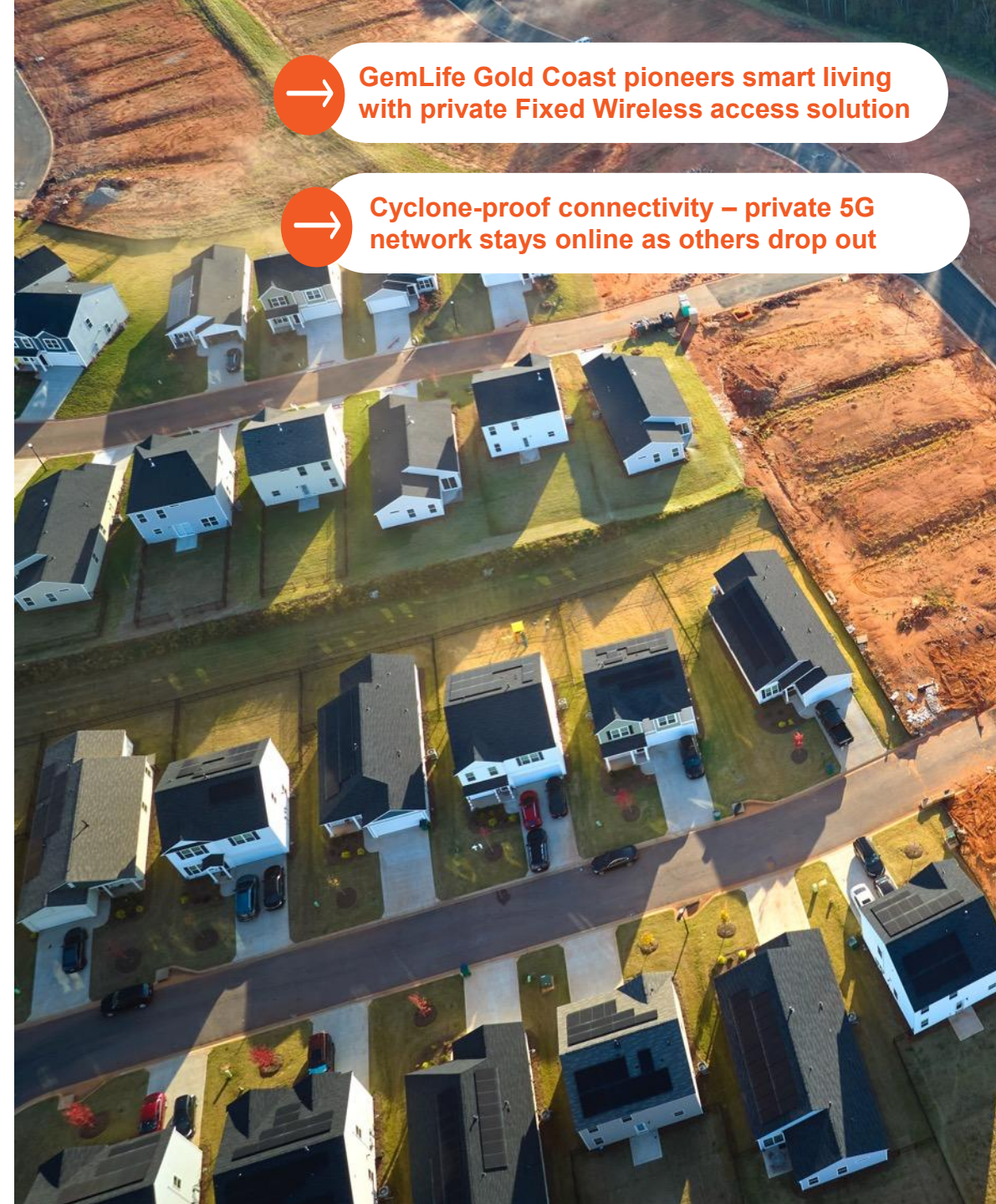
Map Satellite

Geo. Layers	OMR	TBB	BSE	Stats:	Parish	Selected
Geographic:						
Parish	OMR and Lots	<input type="checkbox"/>		TypeCat	Now	
MPconstity	Speeds:Current	<input type="checkbox"/>		-Typ	-cat-Count	
PostCodes	Op: SELECT All	<input type="checkbox"/>				
Rurality	Op: BT(All pre)	<input type="checkbox"/>				
StreetLights	Op: AirBand	<input type="checkbox"/>				
Broadband:						
Original Lots	Op: SingleMode	<input type="checkbox"/>				
AirBandRoute	Op: CityFibre	<input type="checkbox"/>				
	Op: VillageLtd	<input type="checkbox"/>				
	Op: FnW Netwo	<input type="checkbox"/>				
	Op: Gigaclear	<input type="checkbox"/>				
	Op: Glide	<input type="checkbox"/>				
	Op: Grain	<input type="checkbox"/>				
	Op: HypOptic	<input type="checkbox"/>				
	Op: Netomnia	<input type="checkbox"/>				
	Op: Upp/NexFit	<input type="checkbox"/>				
	Op: OFNL	<input type="checkbox"/>				
	Op: Swish	<input type="checkbox"/>				
	Op: Voneus	<input type="checkbox"/>				
	Op: Zzoomm	<input type="checkbox"/>				
	Op: VirginMedia	<input type="checkbox"/>				
	Op: Jurassic	<input type="checkbox"/>				
	Op: Trooli	<input type="checkbox"/>				
	Op: NexFibre	<input type="checkbox"/>				
	ThinkBB(All)	<input type="checkbox"/>				



The solution

- It's a 5GmmWave standalone, private Fixed Wireless Access solution – an alternative to fibre.
- This solution avoids the need for costly fibre installation – it's unobtrusive connecting wirelessly, without the need for overhead or underground infrastructure.
- It's already an award-winning solution, tried, tested and proven in residential and industrial estates across Australia, even with-standing tropical cyclone conditions.
- Certified as statutory infrastructure by the Australian Federal Government.



GemLife Gold Coast pioneers smart living with private Fixed Wireless access solution

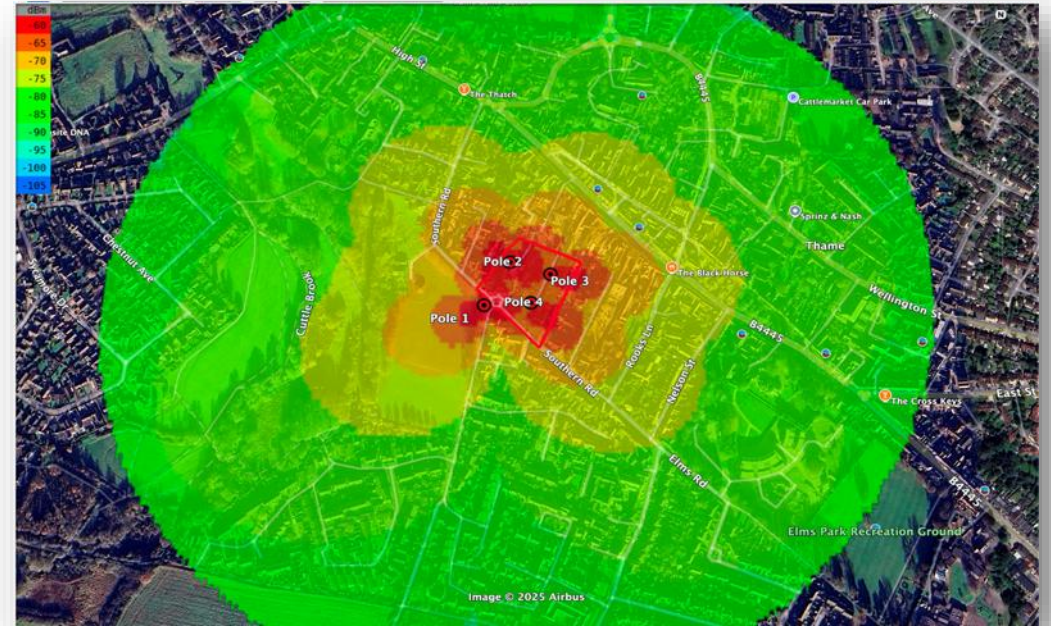


Cyclone-proof connectivity – private 5G network stays online as others drop out

Example of solution design



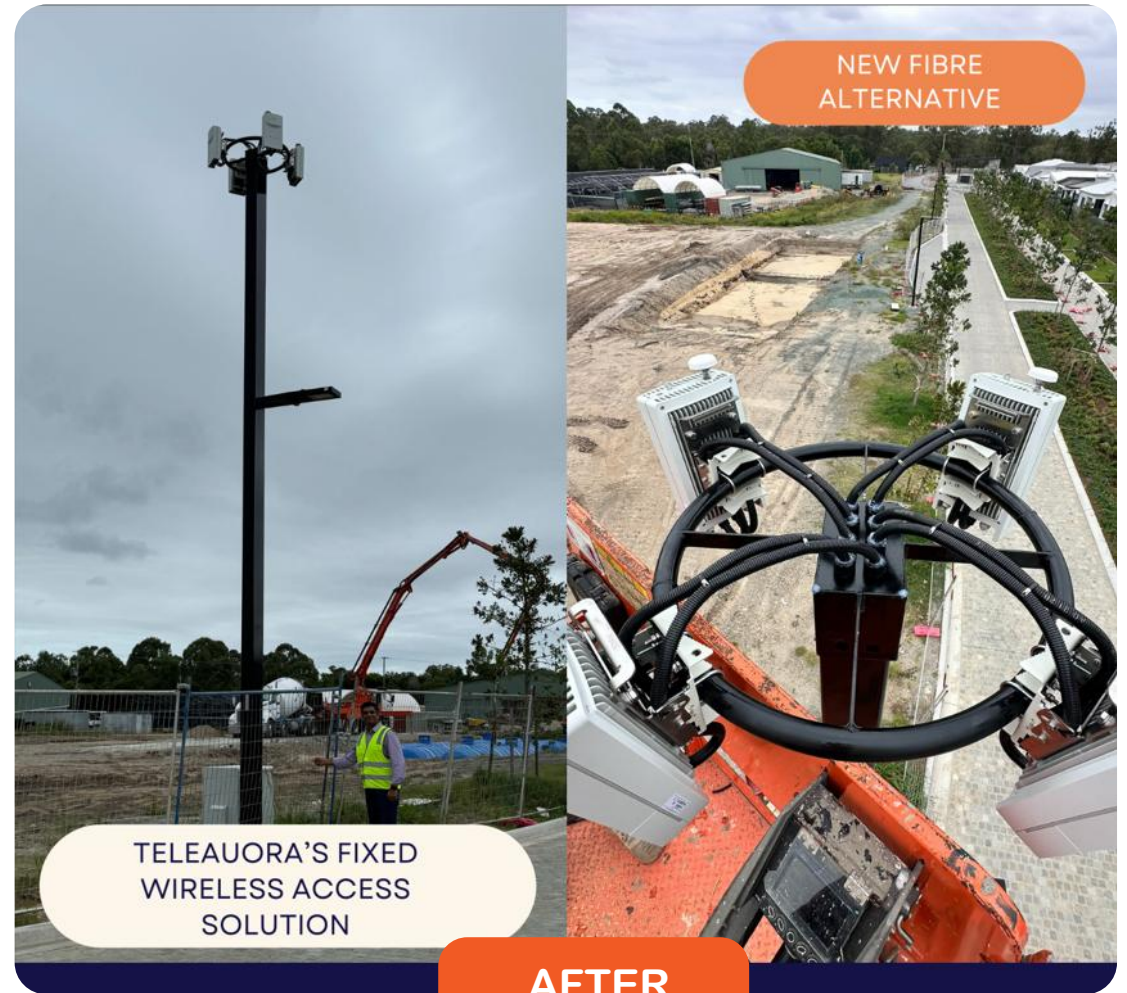
Nominated area in Thame targeted for broadband coverage.



Corresponding propagation map showing expected number of connections for the coverage area.

Sneak peek

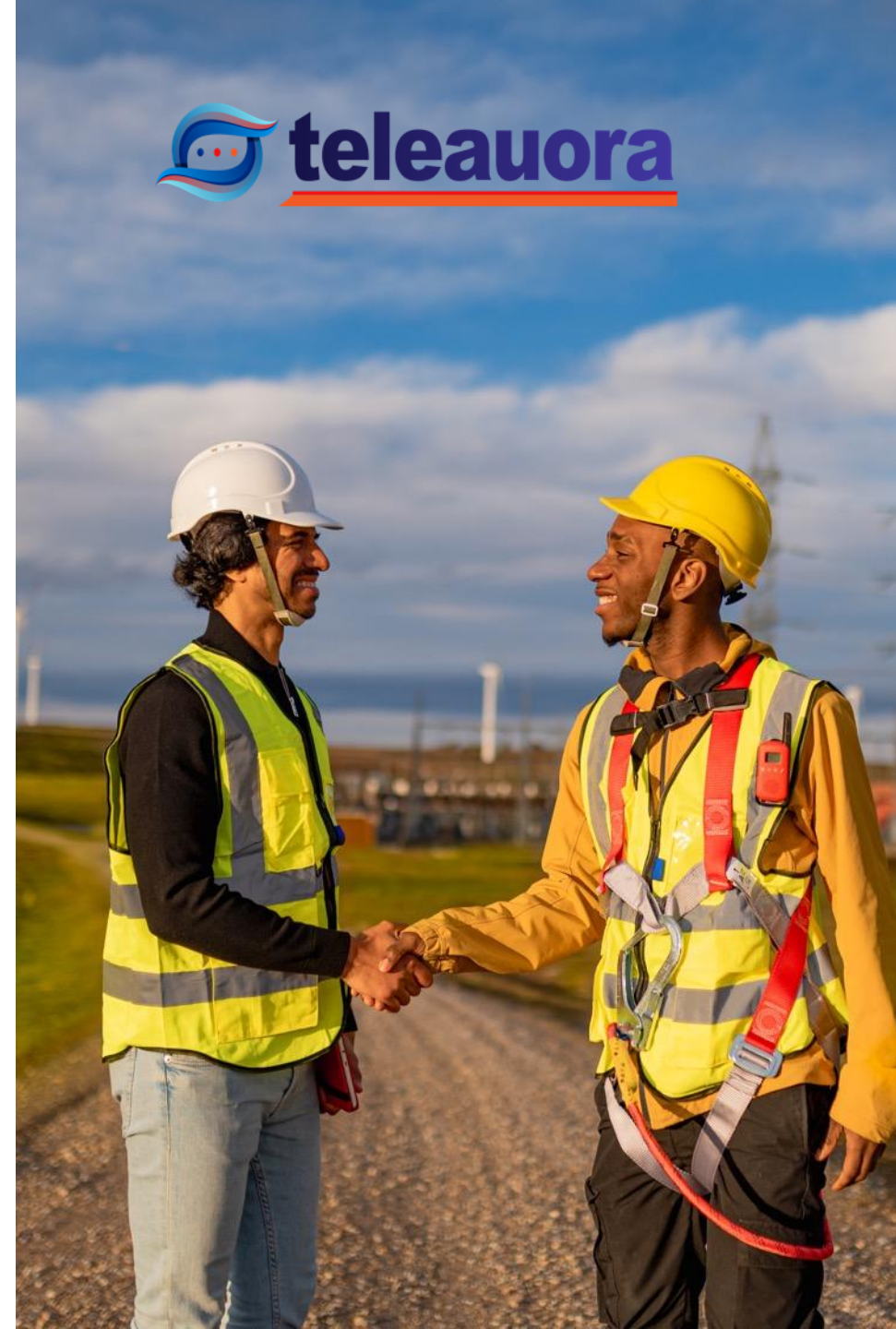
How it'll look – before and after...



SOLUTION
WIRELESS ACCESS

Next steps

- We're currently in discussion with Teleauora who has been asked to design a fully wireless high speed internet connectivity solution for selected council areas.
- As a new market entrant, Teleauora's goal is to address growing global demand for smart, resilient, and rapidly deployable digital telecommunications infrastructure.
- A survey will be issued to residents and businesses in the area to gauge uptake and interest.
- The project will kick off between now and September.
- Teleauora can act as a retail service provider but can also make the network available to other retail providers.





THANK YOU