

## FULL FIBRE

BT has announced plans to deliver full fibre passed 25m properties by the end of 2026

- All bar the final 10% hardest to reach
- When 75% of an area is full fibre, even FTTC will heading for retirement

Altnets have already started on some of what is likely to be the final 10%



Government is aiming for "99%+"

- Ambition to have fewer than 100k premises left behind

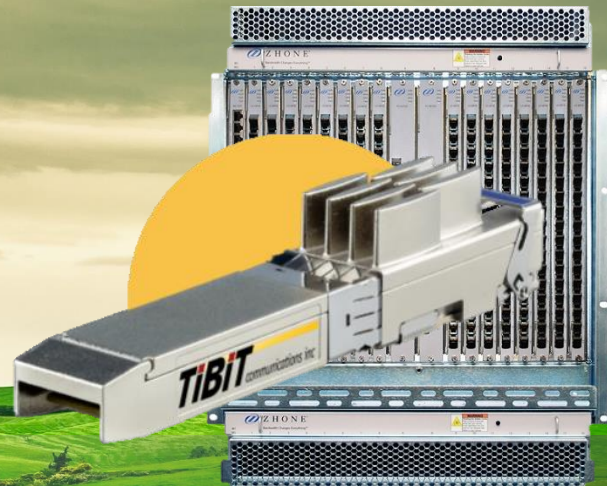
## THE RURAL PROBLEM



**If the copper goes  
no-one can be left behind,  
no matter how rural**

**And that means extending existing  
fibre builds beyond the traditionally  
viable areas to small hamlets**

## REACHING THE FINAL FEW

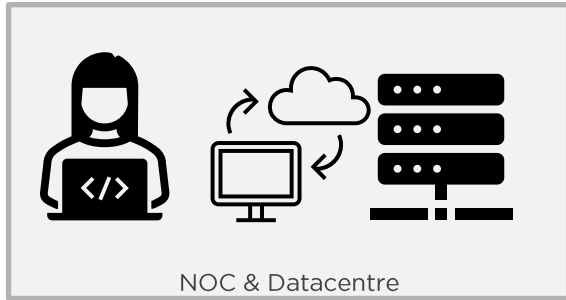


Traditional large chassis OLTs are not economic for remote rural hamlets

Alternative small form factor, low-energy, low maintenance solutions will be needed

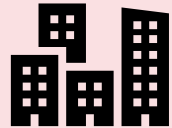
# MICRO-OLTs

Management Plane held centrally with OSS stack & NOC



Control logic managed from town already served

Multiple micro-OLTs forming a single Virtual OLT



Town already with FTTP coverage

Long reach optics  
10G Ethernet



10G XGSPON

## SUMMARY

- Copper switch-off is coming sooner than many realise
- Rapid optical fault handling is becoming ever more critical
- Rural in-fill will require novel technical solutions to ensure no-one is left behind

