



Future-proofing digital infrastructure: government & industry working together to build Scotland's fifth public utility



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of Scotland

Agenda

- Digital connectivity in Scotland now & then
- SG programmes R100 and S4GI update
- Rural deployment overcoming the challenges
- 2023 predictions alt-nets, alt-tech & private 5G





Digital connectivity in Scotland: now & then

Broadband

Mobile

	2022		2016	
	Scotland	UK	Scotland	UK
Superfast	94%	96%	83%	89%
Full Fibre	36%	37%	0.2%	1.7%
Gigabit Capable	63%	68%	0.2%	0.8%
Access to at least 10 Mbps Services	97%	99%	92%	95%

	2022		2016	
	Scotland	UK	Scotland	UK
4G Premises coverage from all 4 MNOs	96%	98%	76%	86%
4G Geographic coverage from all 4 MNOs	66%	83%	12%	40%
5G Premises coverage from all 4 MNOs	2-10%	5-12%	N/A	N/A
5G Premises covered by at least 1 MNO	43-57%	48-64%	N/A	N/A

Source: Ofcom Connected Nations Autumn 2022 (figures as at May 2022); Ofcom Connected Nations 2016 (December 2016)





R100 Subsea Broadband Deployment Yell – Unst Shetland - Yell Sanday – Shetland Fair Isle branch Westray - Eday Eday – Sanday Sanday – Stronsay Shetland – Whalsev Orkney – Rousay Orkney - Shapinsay Hoy – Flotta Flotta – South Ronaldsay Eigg - Mainland Mainland - Lismore Colonsay - Mul Iona - Mull Reaching 100%

R100 subsea deployment

16 new subsea cables connecting 15 islands – delivered as part of the R100 North contract

224km of new subsea cables laid

31 landing points on-shore with a subsea branch for Fair Isle

A new fibre backbone to enable world class connectivity for Scotland's island communities

R100 subsea cable landing point Stronsay, Orkney

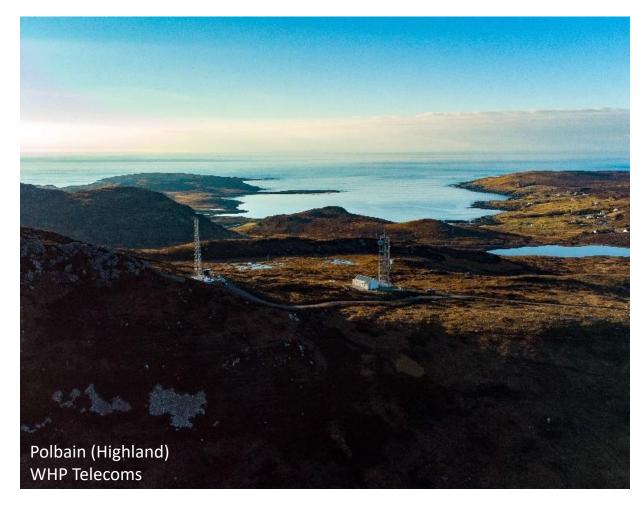




Landing an R100 subsea broadband cable on Stronsay, Orkney – <u>video footage</u>.

Scottish 4G Infill Programme

Currently 29 mast sites activated for 4G and programme on track for completion by 2023.





S4GI - Building in the most challenging conditions









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