

Scottish Rural & Islands Housing Conference

31st October 2019
Dumfries

Duncan Nisbet
R100 Stakeholder Director
Scottish Government
duncan.nisbet@gov.scot

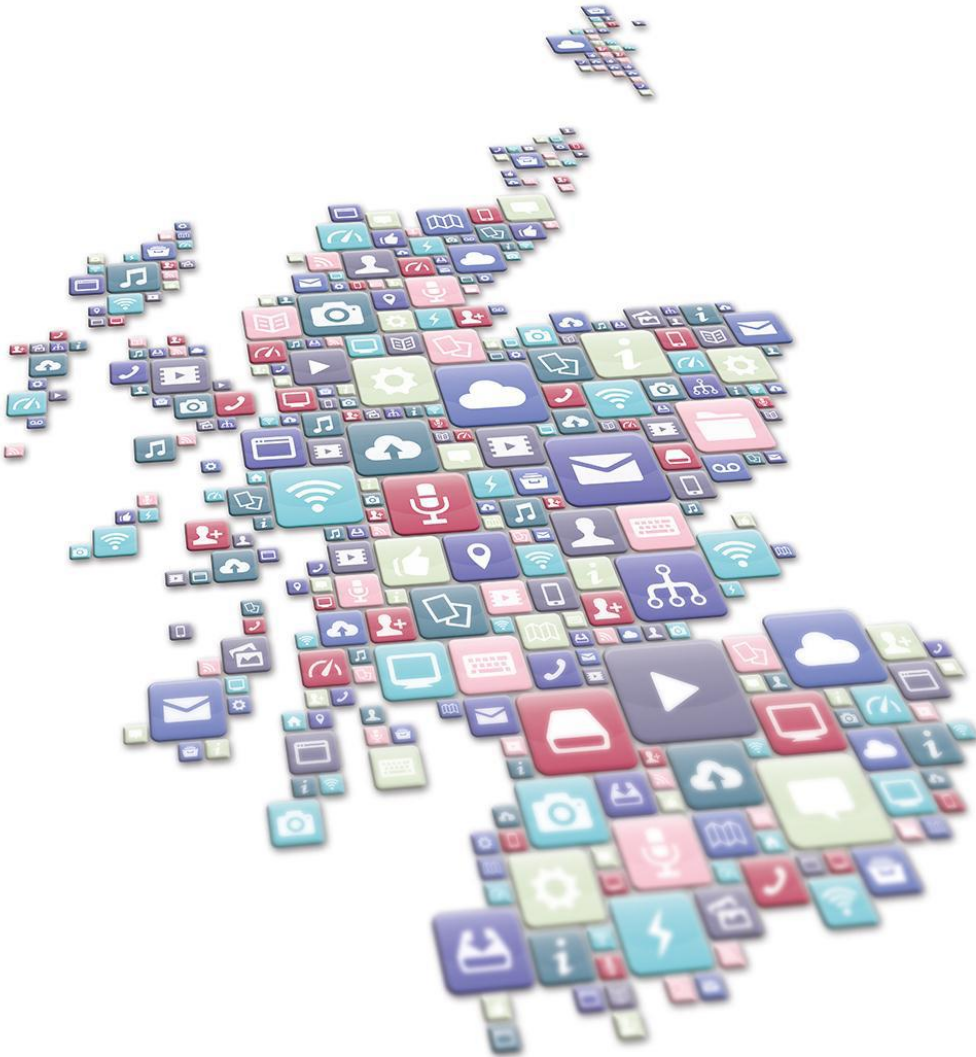


- Connectivity
 - Future Proofed
 - Supports Minimum Superfast Broadband
 - Skills
 - Technology Use
 - Digital Confidence
 - Price
 - Affordability
-

- Telecoms wholly reserved to UK Government, regulated by Ofcom
 - No current USO for broadband
 - BDUK Programme aimed to deliver 95%
 - Delivered via DSSB in Scotland
 - No UK Government commitment beyond this until recently
-

DSSB Programme

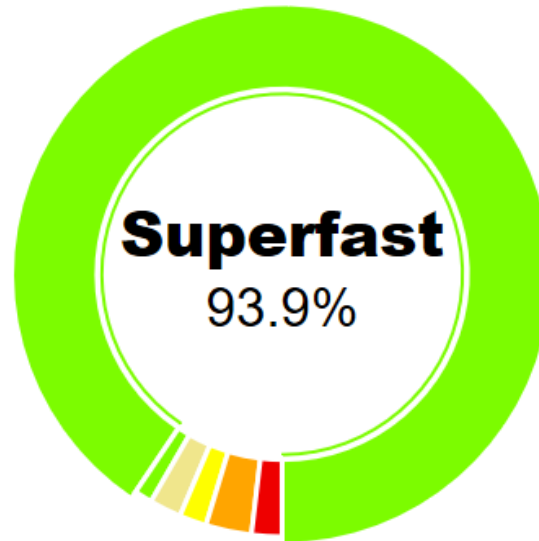
- Partnership between UKG, SG, HIE, EU and local authorities
- Around £480 million invested / committed since 2014
- Over 936,000 homes and businesses across Scotland able to connect to fibre broadband.
- 5,000 new fibre street cabinets deployed so far; more than 13,000km of cable, including 20 subsea crossings to islands.
- Analysys Mason estimate total benefit of £2.76 billion over 15 years - £12 for every £1 of public money.



Scotland Superfast and Fibre Coverage

Latest Figures

History



Superfast UK (>24 Mbps): **94.29%**

Superfast EU (>30 Mbps): **93.86%**

Ultrafast (>100 Mbps): **48.89%**

Openreach (>30 Mbps): **89.27%**

Openreach FTTP: **3.03%**

Openreach G.fast: **7.72%**

'Fibre' partial/full at any speed:
(FTTC/VDSL/G.fast/Cable/FTTP) **97.66%**

Below 2 Mbps down: **1.20%**

Below 10 Mbps down: **3.38%**

Below 10 Mbps, 1 Mbps up:
(Legal USO) **4.45%**

Below 15 Mbps:
(High Speed Broadband) **4.40%**

Virgin Media Cable: **44.42%**

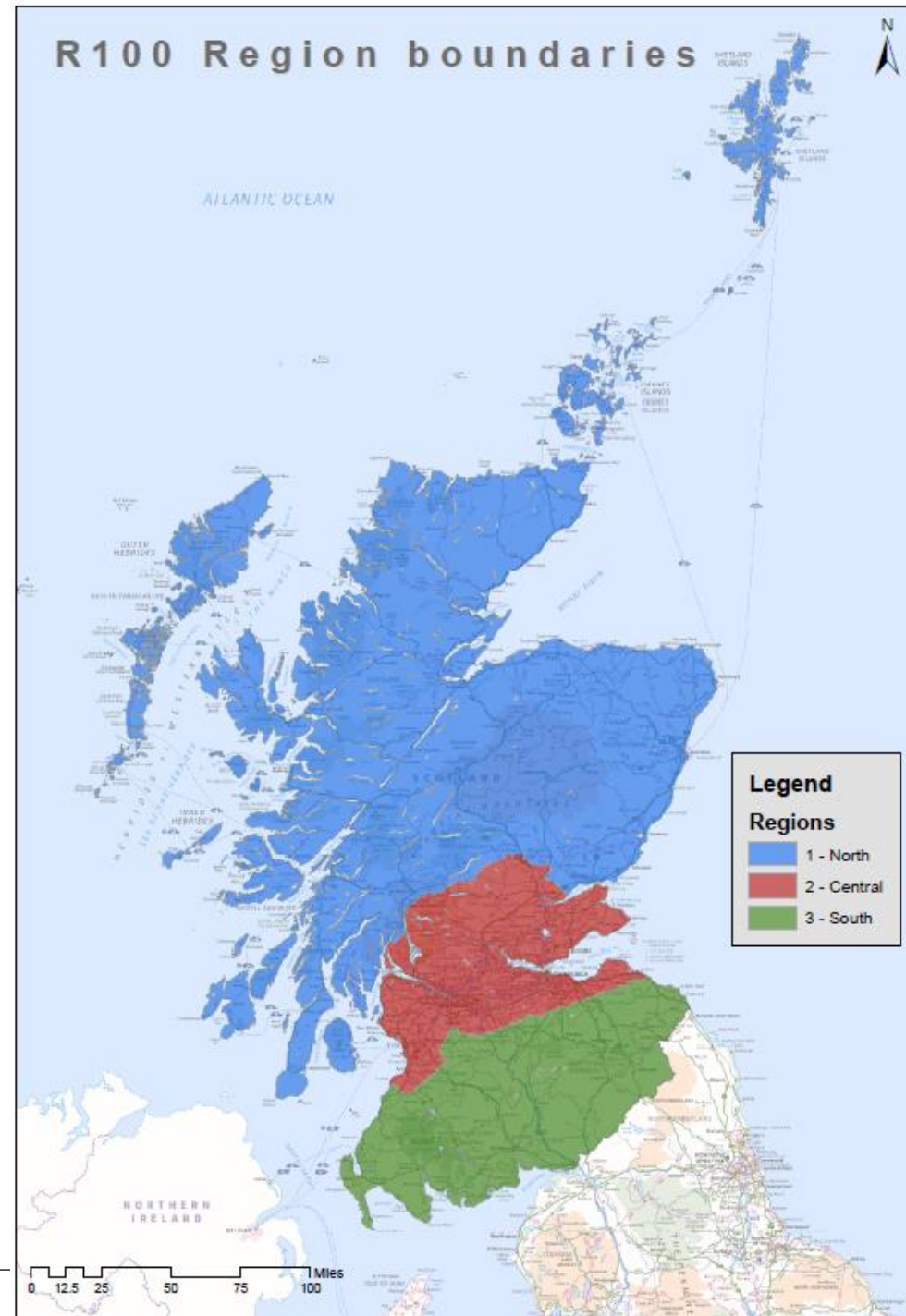
Full Fibre (FTTP or FTTH): **6.49%**

- Scottish Government is committed to delivering superfast availability to 100% of premises
 - Builds on DSSB investment
 - Main procurement aims to bring every premises within reach of accessible fibre
 - Likely to be a range of practical solutions to deliver commitment
 - £600M subsidy (£21M from UKG)
-

- Prior to procurement
 - Identify all Scotland's premises
 - Open Market Review to create draft IA
 - Test via Public Consultation
 - Approximately 250,000 premises identified as sub 30 Mbps
 - Main procurement targeted at remote and rural premises
 - ~ 172,000 premises in-scope
-

Removed Urban 1 Classification and
24 Mbps+ from main procurement

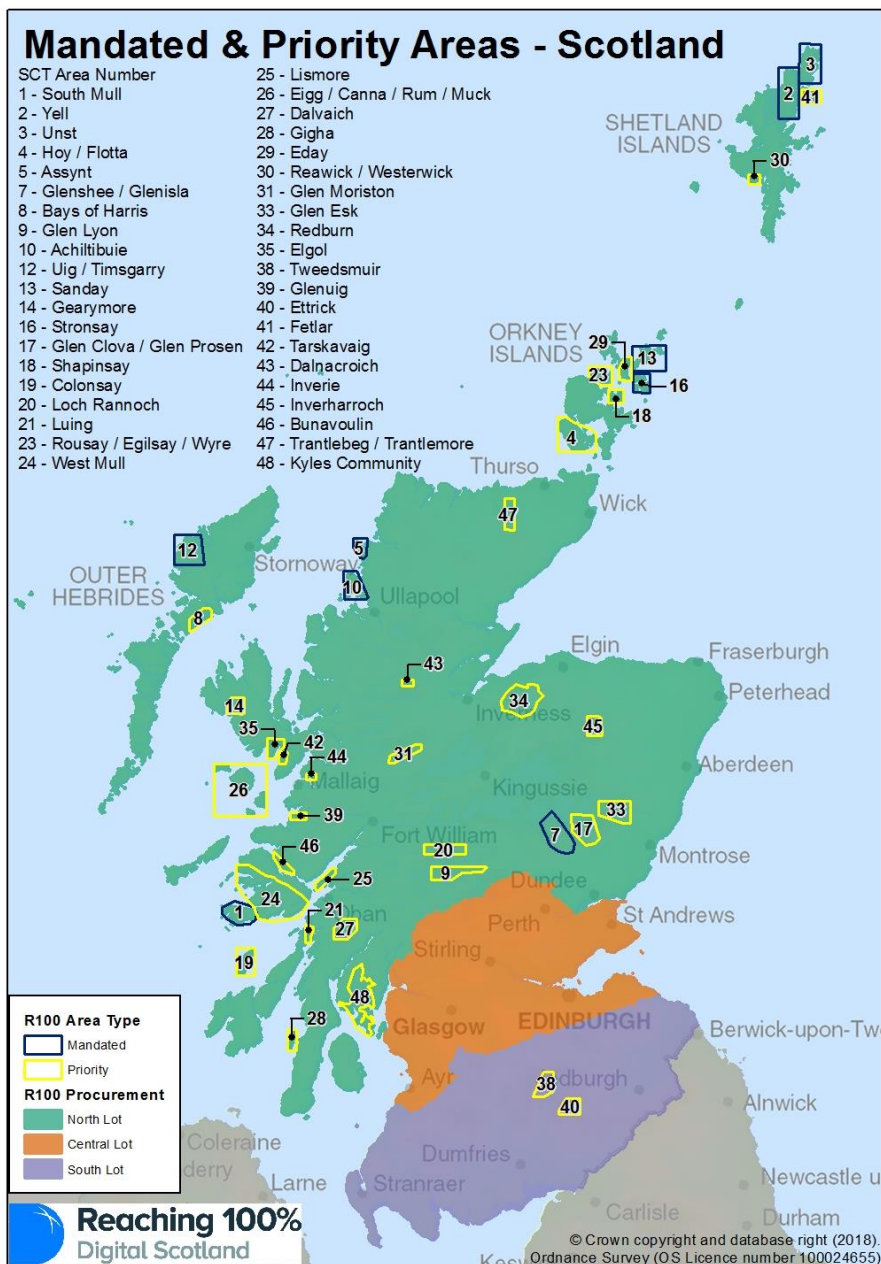
Lot	In Scope Premise Count	Gap Funding Available
North	90,530	£384M
Central	54,539	£83M
South	26,779	£133M



Procurement Timetable

- OJEU Notice Published December 2017
 - Includes ESPD Selection Process
 - Tender Process started in March 2018
 - Following Competitive Dialogue Process
 - Three lots in parallel
 - Award Contracts during 2019
-

Mandated & Weighted



Aligned Interventions

- Initial procurement not expected to deliver 100% coverage
 - Parallel work stream for Aligned Interventions
 - Work will focus on remaining premises
 - out of scope + procurement fallout
 - In parallel with main contracts and emerging UKG schemes
-

UK Government Initiatives

- Future Telecoms Infrastructure Review
 - 15M premises full fibre by 2025
 - National infrastructure by 2033
 - Local Full Fibre Networks
 - Gigabit Voucher Scheme
 - Rural Gigabit Connectivity Programme
 - Ofcom: Broadband Universal Service Obligation
-

Rural Gigabit Connectivity

- To address final 10% of premises identified in FTIR
 - Public Sector Hubs sites – initially schools
 - EOI Requested
 - Voucher scheme for premise connectivity
 - £3,500 for business & £1,500 for residential (maximum)
 - Details at:
<https://gigabitvoucher.culture.gov.uk/rural>
-

UK Voucher Schemes

Criteria	Gigabit Broadband Voucher	Rural Gigabit Voucher
UK Wide	✓	✓
Current >2 and <30 Mb/s	✓	✓
Current >30 Mb/s & not Gb Capable	✓	✗
Minimum new speed	100 Mb/s	30 Mb/s
New must be Gigabit Capable	✓	✓
Max Voucher Value SME	£2,500	£3,500
Max Voucher Value Resident	£500	£1,500
Minimum Value	£500	£500
VAT	Not paid by voucher	Included in voucher for residents only
Businesses Eligible	✓	✓
Residents Eligible	Group Schemes Only 1 bus: 10 res	✓
Single Connection (Standard PRPs)	✓	✗
Group Schemes (Project PRPs)	✓	✓

Other Considerations

- New Build Connectivity
 - Social Housing Communal Broadband
 - Fibre to the Building (FTTB for MDUs)
 - Fixed Wireless Access (FWA)
 - Mobile Connectivity 4G & 5G
 - Digital Skills for Communities
 - Transformational Opportunities
-

Discussion
