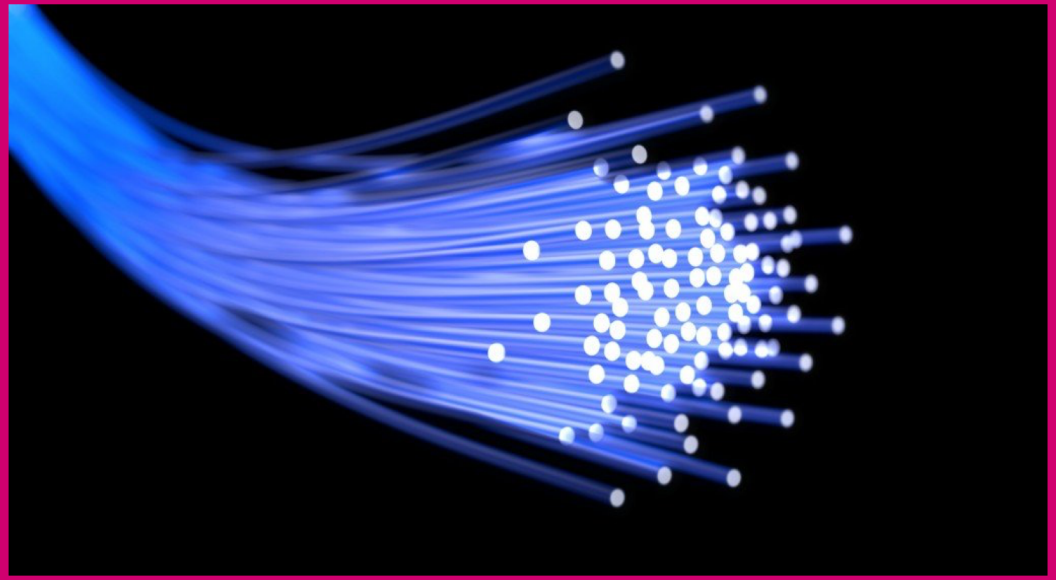
Department for
Digital, Culture
Media & Sport



DCMS / CSS
-
Gigabit Capable Connectivity
-
Supplier briefing

28th March 2019

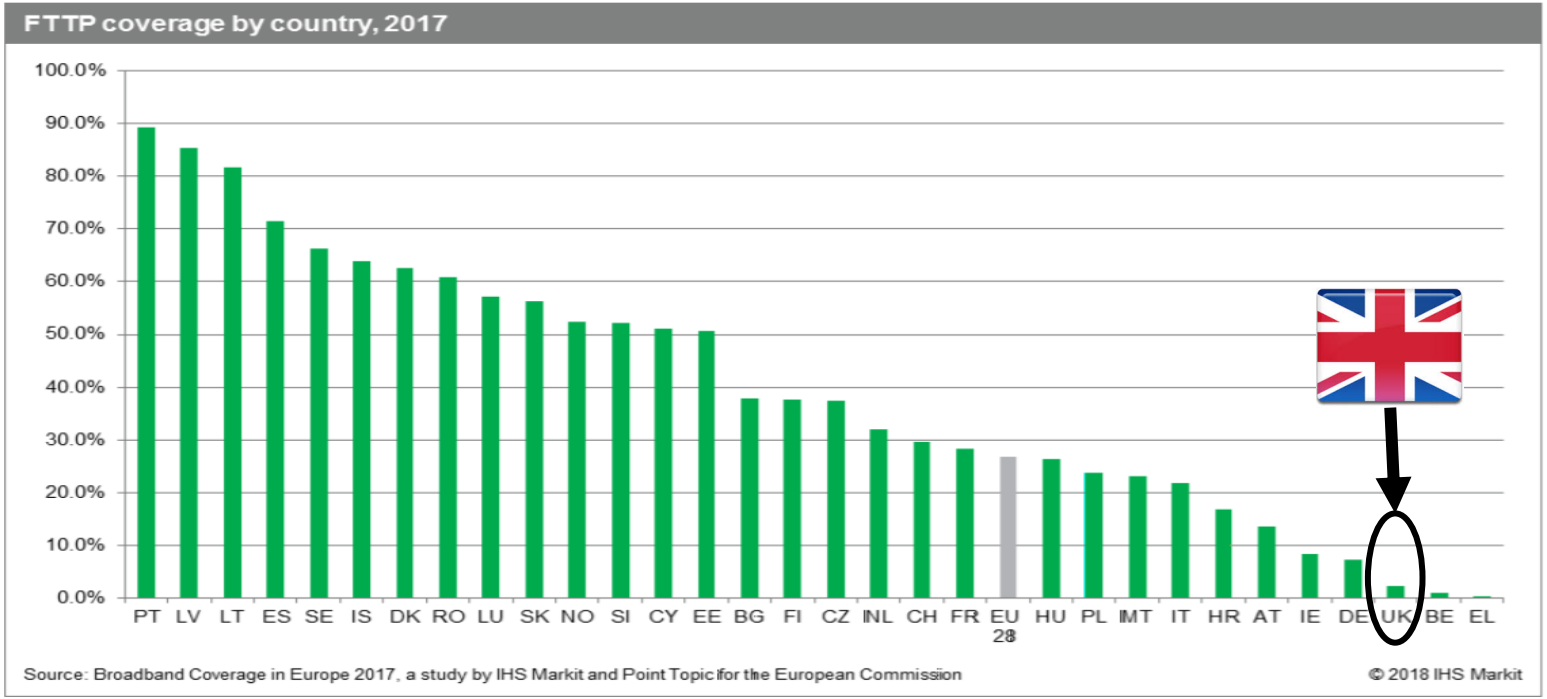
Crown
Commercial
Service

Stephen Frith - Commercial Lead, DCMS
Hugo Delamain – Project Lead, CCS

Department for Digital, Culture Media & Sport

Full Fibre Current UK Situation

Superfast UK (>24 Mbps):	**95.64%***
Superfast EU (>30 Mbps):	**95.32%***



UK Full Fibre Penetration (FTTP / FTTH) = **4.94%***

*Source: ThinkBroadband 1/10/18
https://labs.thinkbroadband.com/local/

Department for
Digital, Culture
Media & Sport

Future Telecoms Infrastructure Review (FTIR)

- In May 2018, the Chancellor announced Government's ambition to connect 15 million premises to full fibre by 2025, with nationwide coverage by 2033.
- Our Future Telecoms Infrastructure Review (FTIR), published in July 2018, sets out our roadmap to achieve this ambition, chiefly by encouraging competitive commercial investment across the UK.
  - FTIR estimates 10% of premises will require additional funding of £3bn - £5bn.
  - Identified Outside-In approach to address this at the same pace as commercial roll out.
- The Rural Gigabit Connectivity (RGC) programme is a £200 million programme to trial a model to deliver full fibre to premises in rural and remote areas.

Department for Digital, Culture Media & Sport

Government Interventions

National Productivity Improvement Fund (NPIF) £940m

- Local Full Fibre Networks
- Rural Gigabit Connectivity
- 5G Testbeds & Trials

Future Telecoms Infrastructure Review

Next Steps

Increasing demand

£400m Digital Infrastructure Investment Fund (DIIF)

Increasing financial capacity

Business Rates Relief

Lowering costs

Changes to Regulation

Favourable market

More Fibre

Barrier Busting

Lowering costs

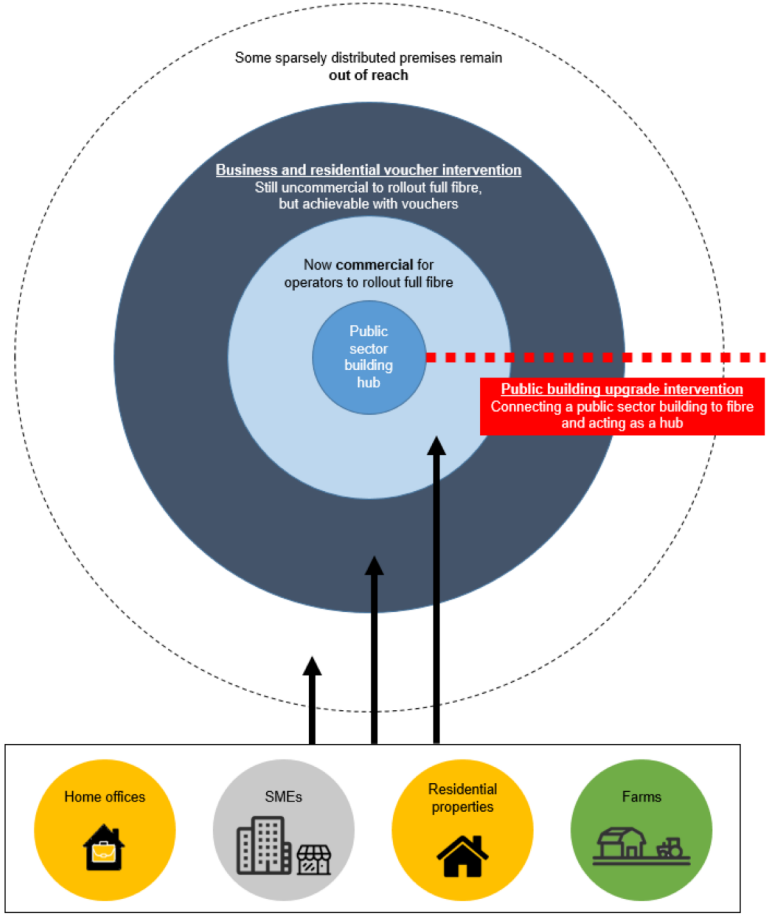
Department for Digital, Culture Media & Sport

£200m Rural Gigabit Connectivity Programme

Example Hub Sites

Cheselbourne School in Dorset was connected via the LFFN Wave1 Schools project

Fibre for Rural Nottinghamshire F4RN have just connected the Full Moon Pub at Morton with fibre, using our Gigabit Voucher Scheme



Department for Digital, Culture Media & Sport

Rural Gigabit Connectivity - Delivery

Supporting documentation and systems:

- RGC guidance
- Access to funding and conditions of funding
- Site selection
- Relationship to GBVS
- Link to DPS
- Automated supplier payment for centrally funded costs

DPS:

Rolling entry: supplier instructions to join, including SQ and evaluation criteria

Service requirements:

- Managed connectivity services
- Gigabit capable infrastructure services

Call off process, including award criteria

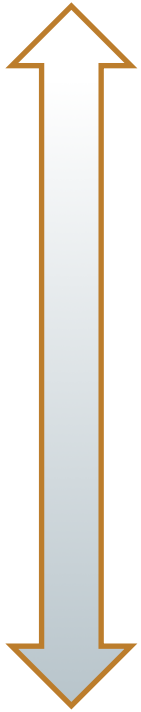
Call off terms

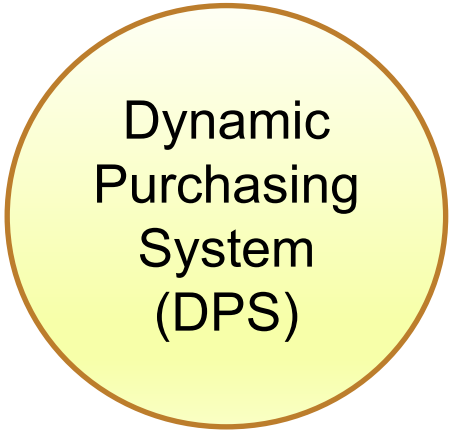
Department for Digital, Culture Media & Sport

Rural Gigabit Connectivity - Delivery

Public sector requirements

- Fully managed network services
- Remote site connectivity through VPNs
- Ethernet connectivity and WAN extension services
- Point to point fibre
- Asset improvement works





Suppliers

- Managed network services
- Business class internet connectivity
- Lit fibre infrastructure
- Unlit fibre infrastructure
- Ducts and street works

Department for Digital, Culture Media & Sport

Emerging principles of the services and procurement approach

- Aimed at improving the infrastructure, independently of which ‘over the top’ services are required and how these are provided
- Similar changes to underlying infrastructure and available services might also be driven through the use of existing contracts (e.g. HSCN, PSNs, etc.)
- Single and small batches of sites expected through this route
- Aimed at moving remote public sector sites from slower copper / DSL technologies to Full Fibre (e.g FTTP or equivalent)
- Mirroring market Ts and Cs as much as possible (business class services)
- Start with a basic specification and add complexity (and cost) as options
- If it gets complicated (large numbers of sites, complex service wrap etc.) use other routes such as NS2

Department for Digital, Culture Media & Sport

Specifications – top level filtering
Draft for feedback

Specification 1 – Connectivity services

The Managed Connectivity Services will require a network connection between the Internet and a specified location. The services will offer flexible bandwidth using infrastructure that offers download bandwidths of between a lower threshold of at least [100Mbps] and an upper threshold of at least [1Gbps.]

Specification 2 - Fibre Infrastructure Services

The Fibre Infrastructure Services will require the provision of the necessary duct, fibre and access infrastructure between two specific locations to allow third party integration into existing network services by the procuring authority or their agent.

Procurement Approach

Department for Digital, Culture Media & Sport

- Dynamic Purchasing System that will be accessed through DCMS' online portal
- Customers filter down based on their requirements and location
- If there is more than one supplier remaining – a light touch clarification process held to establish most economically advantageous tender
- Suppliers will be able to access the DPS by completing a qualification questionnaire

Crown Commercial Service

Commercial Agreement Integration

Department for Digital, Culture Media & Sport

- We want to offer various routes to market depending on requirements and organisation
- Designed to reach a wide market both in terms of customers and suppliers
- Terms and conditions will mirror the Public Sector Contract, adapted for the DPS

Crown Commercial Service

Next Steps

Department for Digital, Culture Media & Sport

Market consultation until the end of March:

- Slide pack, notes and RFI sent out 28/03/19
- All feedback returned by 05/04/19
- Any queries or informal feedback can be sent to gcc@crowncommercial.gov.uk

Expected launch: Q3 2019

Crown Commercial Service