



Superfast Lancashire Programme – Fibre Broadband Deployment 20th January 2016



**SUPERFAST
BRITAIN**



Blackpool Council



BT's fibre broadband roll-out

£2.5bn investment to bring "superfast" fibre broadband to around two-thirds of UK premises

- Available to more than 24 million homes and businesses and we are passing over 70,000 additional premises nationally per week
- A mixture of fibre to the cabinet (FTTC) and fibre to the premise technology (FTTP)
- On track to extend superfast broadband to 95% of UK homes and businesses by 2017
- New G.fast technology will further increase download speeds from 2017

No other company in the world is investing as much in fibre without public sector support or a regulatory regime that allows for far greater returns

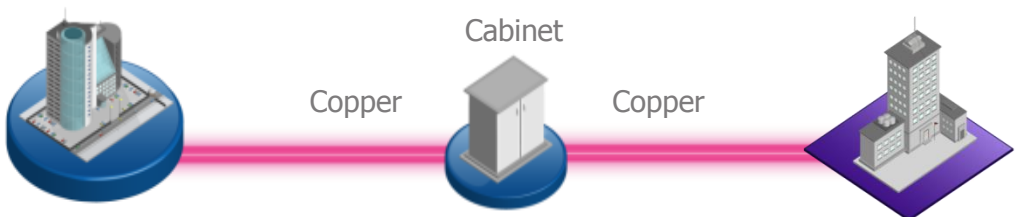
SUPERFAST
LANCASHIRE
COUNTYWIDE FIBRE BROADBAND



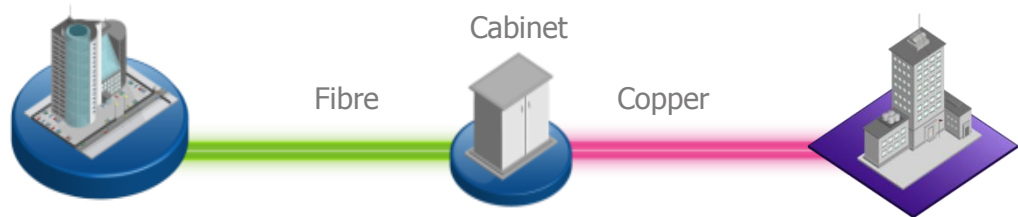
Fibre broadband can deliver speed improvements to homes and businesses

Telephone Exchange

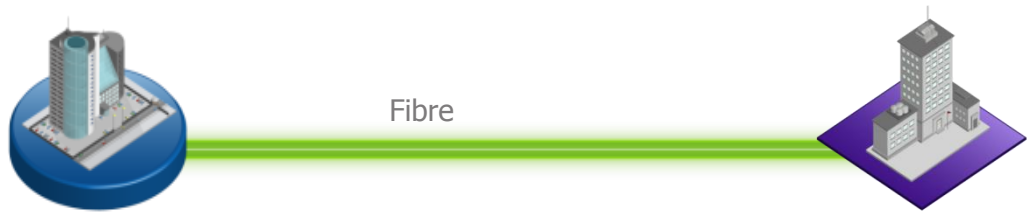
Homes & Businesses



Copper ADSL & ADSL2+
Up to 20Mbps downstream and up to 2Mbps upstream



FTTC
Up to 80Mbps downstream and up to 20Mbps upstream

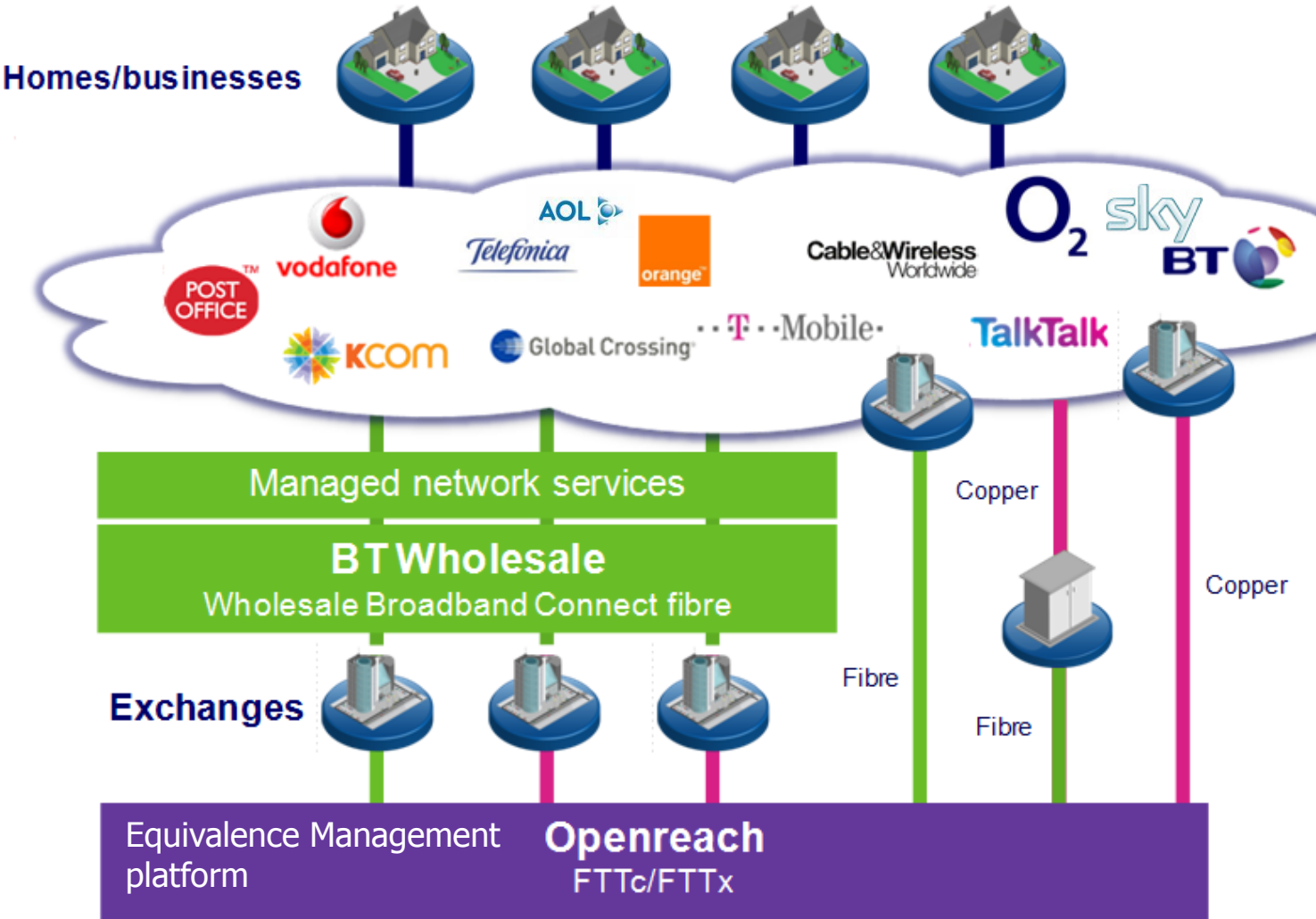


FTTP
Up to 330Mbps downstream and up to 30Mbps upstream

Note – Superfast Broadband should NOT to be confused with ETHERNET services



Open access network – great choice, great price



- Significant
- Investment by all parties.
- Evolved over many years
- ISP Channel to a mass market.
- Integrated business processes and systems
- Influences technology
- development
- Regulated & Equivalent
- Gives great choice, great prices

Extensive engineering work is required to deliver fibre broadband



Which when completed will look like this.....



The Chorley area already has extensive fibre broadband coverage

SUPERFAST
LANCASHIRE
COUNTYWIDE FIBRE BROADBAND

- Almost 97% of premises in Chorley can order fibre broadband today.
- Of the remaining premises, plans are in place as follows:
 - Circa 200 premises remain in Hoghton & Coppull which the Superfast Lancashire programme aim to complete during January 2016
 - 600 premises remain in the Openreach commercial rollout
- Provides total coverage of around 98% of the Chorley District
- Take up in the Chorley area is currently 23.7%; Overall Lancs average is 20%

Extending Fibre Broadband Coverage Further

- The Superfast Extension Programme (SEP), deployed by Superfast Lancashire is designed to extend fibre broadband reach
- The Chorley area currently has additional premises in the plan, fed from the exchanges in Chorley, Hoghton, Eccleston, Brinscall and Croston

Chorley Overview – Take Up by Ward on SFL Phase 1

Ward	Number of Cabinets	Take Up (Intervention Cabs Only)
Adlington and Anderton	9	21.10%
Astley and Buckshaw	1	65.30%
Brindle and Hoghton	1	17.20%
Chisnall	6	30.50%
Chorley East	2	42.20%
Chorley North East	1	25.80%
Chorley North West	4	11.30%
Chorley South East	4	15.20%
Chorley South West	1	70.40%
Clayton-le-Woods and Whittle-le-Woods	4	53.90%

Ward	Number of Cabinets	Take Up (Intervention Cabs Only)
Clayton-le-Woods North	3	11.90%
Clayton-le-Woods West and Cuerden	No SFL coverage. All coverage currently via Commercial operators.	
Coppull	6	21.10%
Eccleston and Mawdesley	10	32.20%
Euxton North	No SFL coverage. All coverage currently via Commercial operators.	
Euxton South	1	39.60%
Heath Charnock and Rivington	2	28.10%
Lostock	8	27.20%
Pennine	No SFL coverage. All coverage currently via Commercial operators.	
Wheelton and Withnell	6	28.10%



Customers need to take action to make use of fibre broadband, but it is a simple 5 step process

SUPERFAST
LANCASHIRE
COUNTYWIDE FIBRE BROADBAND

1. Check to see if fibre broadband is available
2. Check your current broadband contract
3. Complete your market research
4. Place your order
5. Wait for the installation date



Further and faster

SUPERFAST
LANCASHIRE
COUNTYWIDE FIBRE BROADBAND

BT Going further with fibre

Home About News Benefits Regional Programmes **Community Fibre Partnerships** FAQs When and where

Community Fibre Partnerships

Delivering fibre to the hardest to reach communities

We're helping to provide 95% coverage across the UK by the end of 2017, but aspire to go further and are always searching for ways to reach the last 5%

Here to help you

We're committed to working with all communities to find a fibre solution, and our community fibre partnership scheme is designed to enable this. Delivering fibre to the hardest to reach communities is a huge challenge. In rural areas we often face long distances and challenging terrain and in urban areas we have the complexity of working in busy streets with limited space. Our strong ambition is never to say 'no' and work together with local communities to agree a suitable and affordable option to bring fibre to an area.

Our dedicated team is focused on helping communities understand what we can do, as well as to support them to bring faster broadband to parts of the UK not already covered by existing rollout plans.

We can work with you to find out if a community project could be for your area and provide you with the tools to understand and establish local demand.

The greater the interest in superfast broadband, the greater the chance of success. We can help you understand how to generate that interest.

Contact us

If you represent a community or are simply an interested party and want to talk to a member of our team contact us and we will get back to you as soon as possible.

The steps to a community partnership:

Contact us and register your community

- We'll get back to you - normally within 10 working days - and give you a dedicated contact person who will look at your case, and ask for additional information as required
- We'll evaluate your application and discuss a proposed course of action

Find out how we have already been working with communities by reading the case studies

Community Funding
and Never Say No

www.communityfibre.bt.com

Satellite Scheme

- Download speeds from 15mb
- Available to properties with less than 2mb and with no access to commercial SFBB
- Grant available for installation costs
- Administered by Lancs CC.



Tony Morgan – Contract Director, Superfast Lancashire

Tony.morgan@bt.com

Mark Chamberlain – Contract Manager, Superfast Lancashire

Mark.3.chamberlain@bt.com

Back Up

SUPERFAST
LANCASHIRE
COUNTYWIDE FIBRE BROADBAND



But how do we get beyond 97%.....

Super Fast Extension Programme (SEP)

- UK government announced a further £250m of funding for superfast broadband. Lancashire awarded £3.8m, this will be match funded bringing circa £8m in extra funding.
- Contract signed with BT in April 2015, with planning commencing in October 2015. Circa 11k additional premises will be covered by the SEP programme

Further coverage through Gains Share Advance

- BT is making funding available from the contract earlier than originally planned. Subject to agreement with LCC this funding will extend coverage beyond that already agreed within the first two build phases.

