

CHORLEY LIAISON

WEDNESDAY, 20TH JANUARY 2016, 6.30 PM
COUNCIL CHAMBER, TOWN HALL, CHORLEY

The following presentations were delivered at the above meeting of the Chorley Liaison.

4 **Item from the work programme: Lancashire Superfast Broadband Rollout 2013-2017 (Pages 3 - 22)**

To provide an update on the delivery of the current Superfast Broadband Rollout and provide details on the next stage of the rollout starting in 2016.

Sean McGrath, Lancashire County Council, Mark Chamberlain/Tony Morgan, BT, will attend the meeting.

GARY HALL
CHIEF EXECUTIVE

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SUPERFAST
LANCASHIRE
COUNTYWIDE FIBRE BROADBAND



Lancashire Superfast Broadband



BACKGROUND

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- Collaboration between Lancashire County Council, BT, BDUK and Blackpool and Blackburn Borough Councils
- LCC Secured £37m+ of Public Sector Investment to intervene in 'white' areas (in additional to commercial rollout)
 - 67% BT/Openreach commercial fibre rollout
 - 21% intervention (public/private funded) fibre rollout (the Superfast Lancashire programme)
 - 9% other operators' high speed broadband services
- Lancashire Superfast Targets
 - 97% of Lancashire Homes and Businesses planned to have access to broadband speeds above 24mbps by March 2016
 - 99% of Lancashire Home and Businesses planned to have access to broadband speeds above 24mbps by March 2018



PROGRESS UPDATE

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- 124,000 premises currently with access to Superfast Broadband ,up to 134,000 by March 16 (another 12,000 with speeds above 2mbps).
- 9,000+ eligible businesses currently with access to Superfast Broadband (in the 'white' area)
- 100+ business sites with access to Superfast Broadband
- 454 SMEs received business support related to the exploitation of Superfast Broadband access.
- 854 structures out of 934 now built and providing service (Sept 15)
- Use of different technologies based upon vfm issues
 - Fibre to the Cabinet (FttC)
 - Fibre to the Premise (FttP)



PROGRESS UPDATE

47,425 premises in Chorley Borough of which

- 30,276 in Commercial Area
- 17,149 in public intervention area

As of November 2015

- 15,808 premises have access to the Fibre Broadband Network
- 2,188 premises can achieve speeds up to 23.9mbps(possibly due to distance from cabinet), and
- 13,620 in excess of 24mbps
- 86.15% of Chorley can access Superfast speeds and the contract is for 85% Lancashire wide

Three more structures to be delivered by March 2016 which will take coverage in Intervention Area up to 16678

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Superfast Extension Programme

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Superfast Extension programme (up to £7.34m) funded equally by LCC/BDUK starting in early 2016 delivered by BT

BT currently undertaking planning of delivery based around 3 phases and involving 12,000 premises (1500 + post codes)

The SEP will be more expensive as a result of delivery in the hardest to reach areas involving more build and use of Fibre to the Premise (FttP)

The SEP will deliver to 4 post codes in Chorley and is planned to provide access to covering 50+ more premises by March 2018.

Currently looking at alternative solutions for the premises that are not included in the Phase 1 rollout or the SEP – approx. 400 premises

Working with delivery contractor (BT) to identify premises to be covered by the SEP.



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**Superfast Lancashire Programme
– Fibre Broadband Deployment
20th January 2016**

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**SUPERFAST
BRITAIN**



Blackpool Council



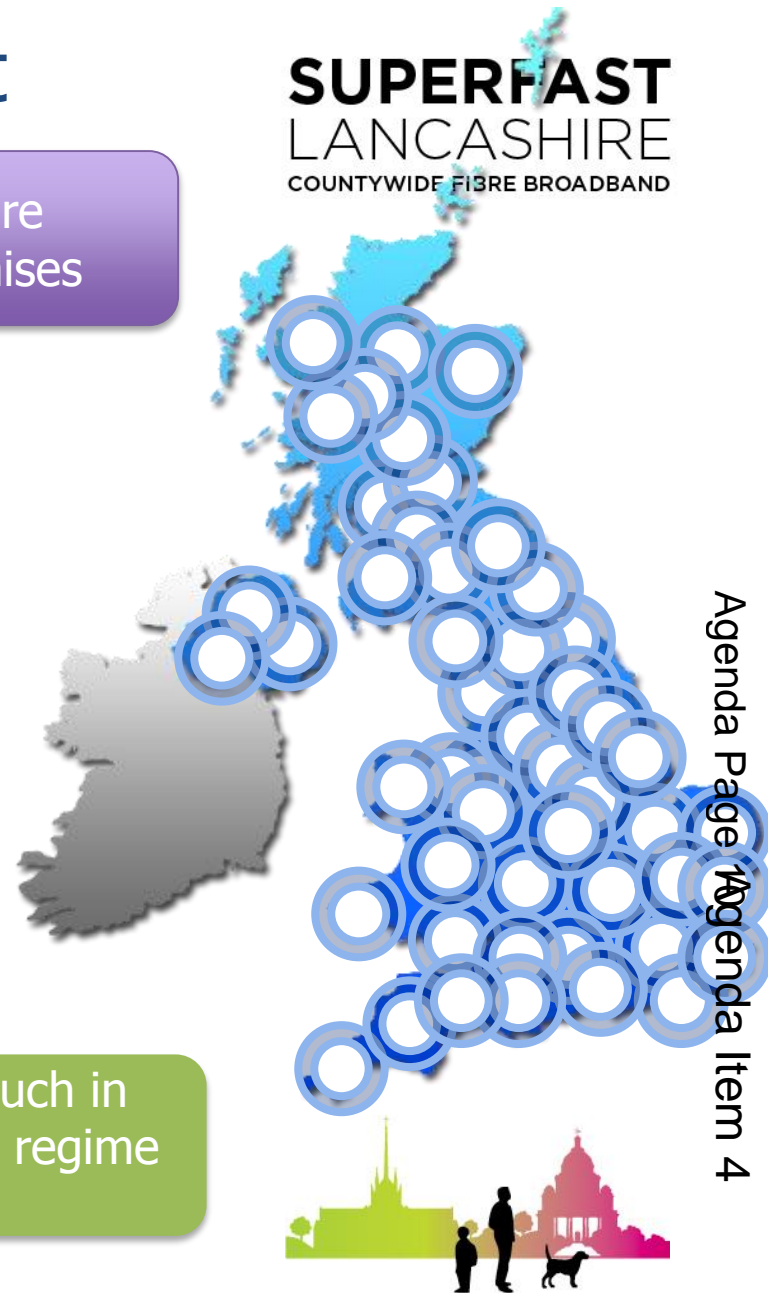
BT's fibre broadband roll-out

£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

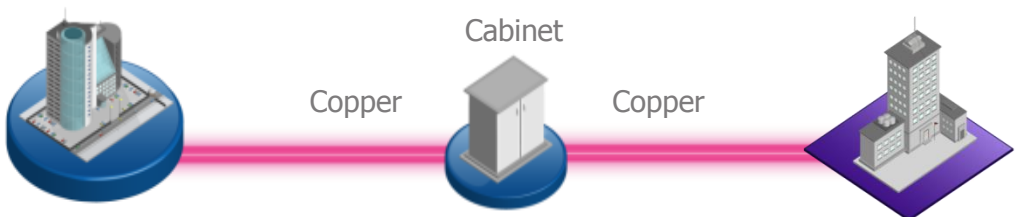
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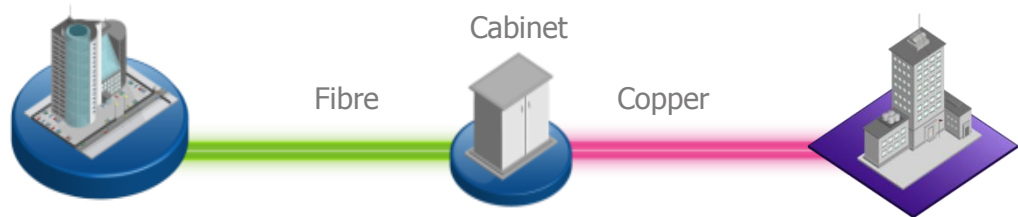
Fibre broadband can deliver speed improvements to homes and businesses

Telephone Exchange

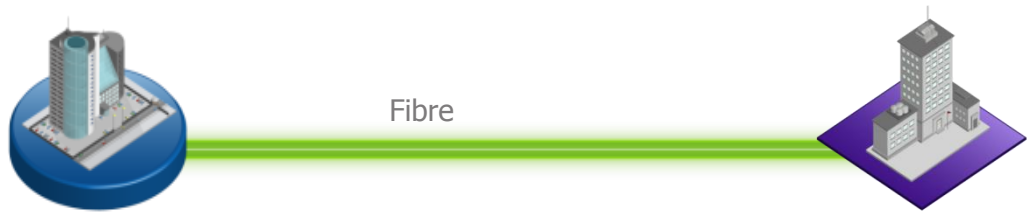
Homes & Businesses



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



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



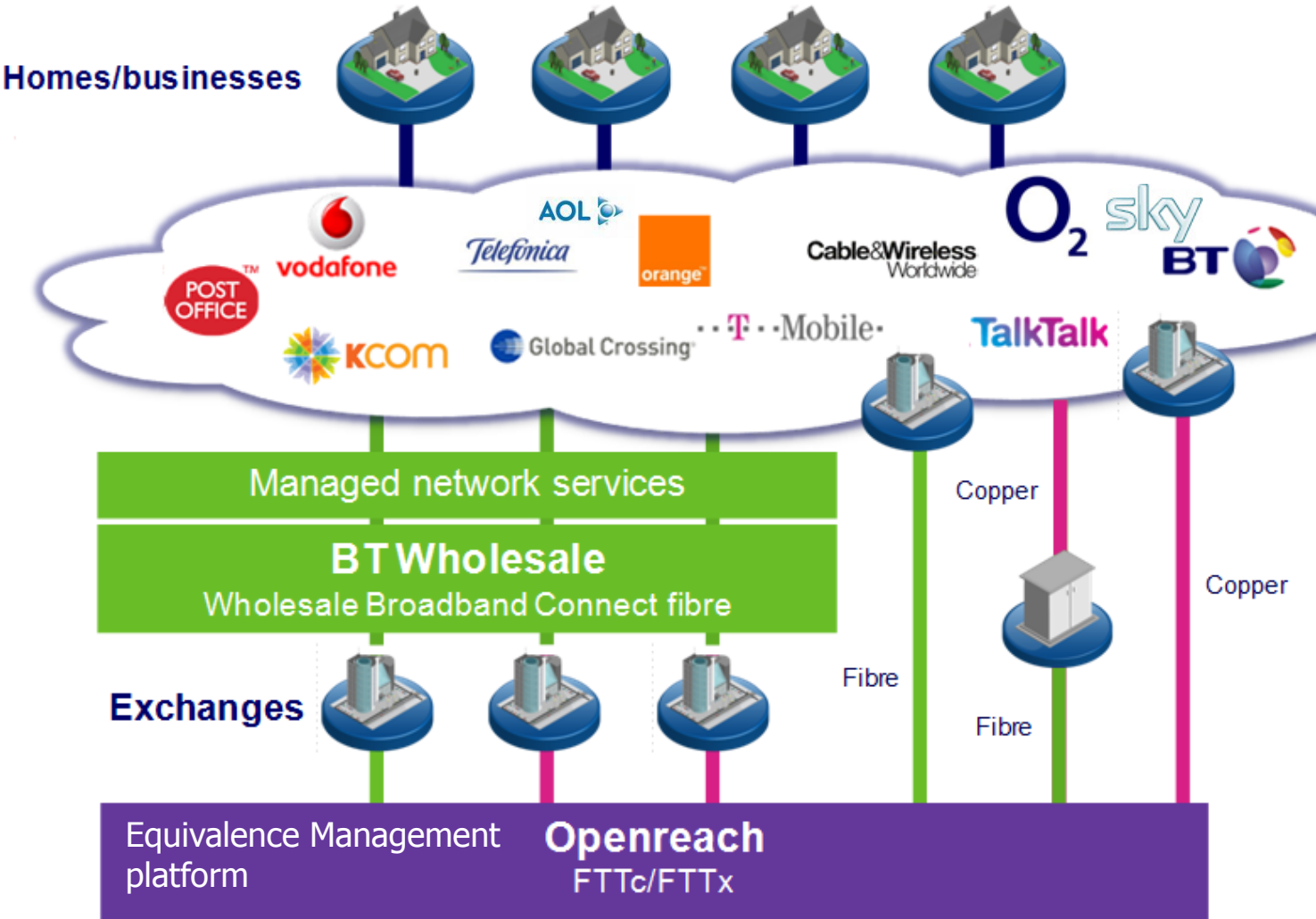
FTTP
Up to 330Mbps downstream and up to 30Mbps upstream

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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

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Extensive engineering work is required to deliver fibre broadband



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



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The Chorley area already has extensive fibre broadband coverage

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- 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, Ecclestone, 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

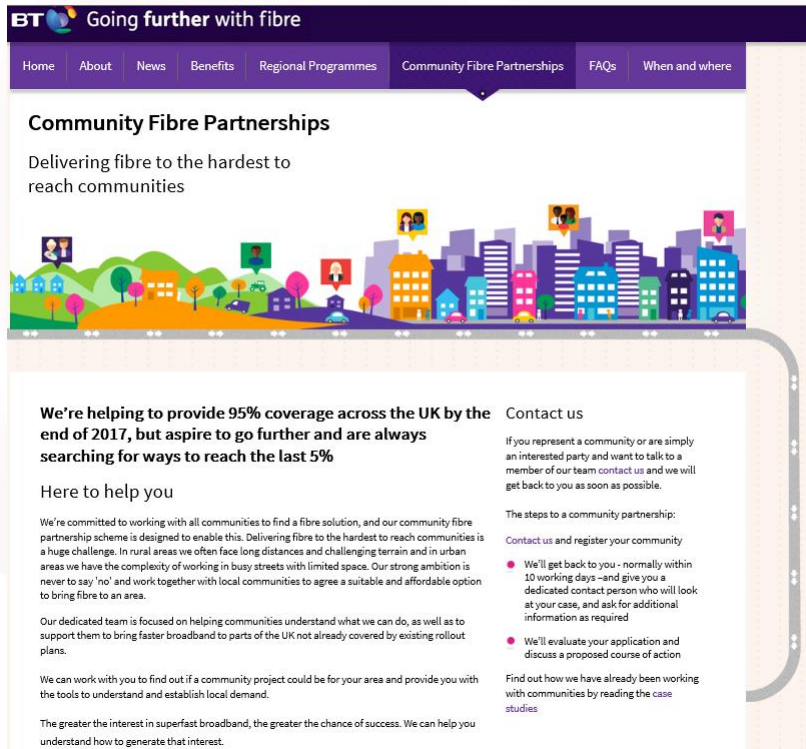
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1. Check to see if fibre broadband is available
2. Check your current broadband contract
3. Complete your market research
4. Place your order
5. Wait for the installation date



Further and faster

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The screenshot shows the BT website's 'Community Fibre Partnerships' page. The header includes the BT logo and the slogan 'Going further with fibre'. A navigation menu contains links for Home, About, News, Benefits, Regional Programmes, Community Fibre Partnerships (which is highlighted), FAQs, and When and where. The main content area features a colorful illustration of a town with houses, trees, and people. Below the illustration, the text reads: '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%'. A 'Contact us' section follows, explaining the partnership scheme and providing steps for interested parties. The page also includes a 'Here to help you' section with detailed information about the service and a link to 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.



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Back Up



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.



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