

Fibre Broadband: What's happened and what's next?



Andrew Campling, General Manager, London, Southern and Eastern England, BT Group



At a national level, how far have we come?



**Four
out of
five**

people in the UK can access superfast broadband (more than 23million via BT's network)

This year, the internet will contribute more than

**£180bn
to the UK
economy**

This is the largest digital economy in the G20

**38m
people**

go online daily in the UK; we spend an average of

89 hours
online each month

**BT has
committed**

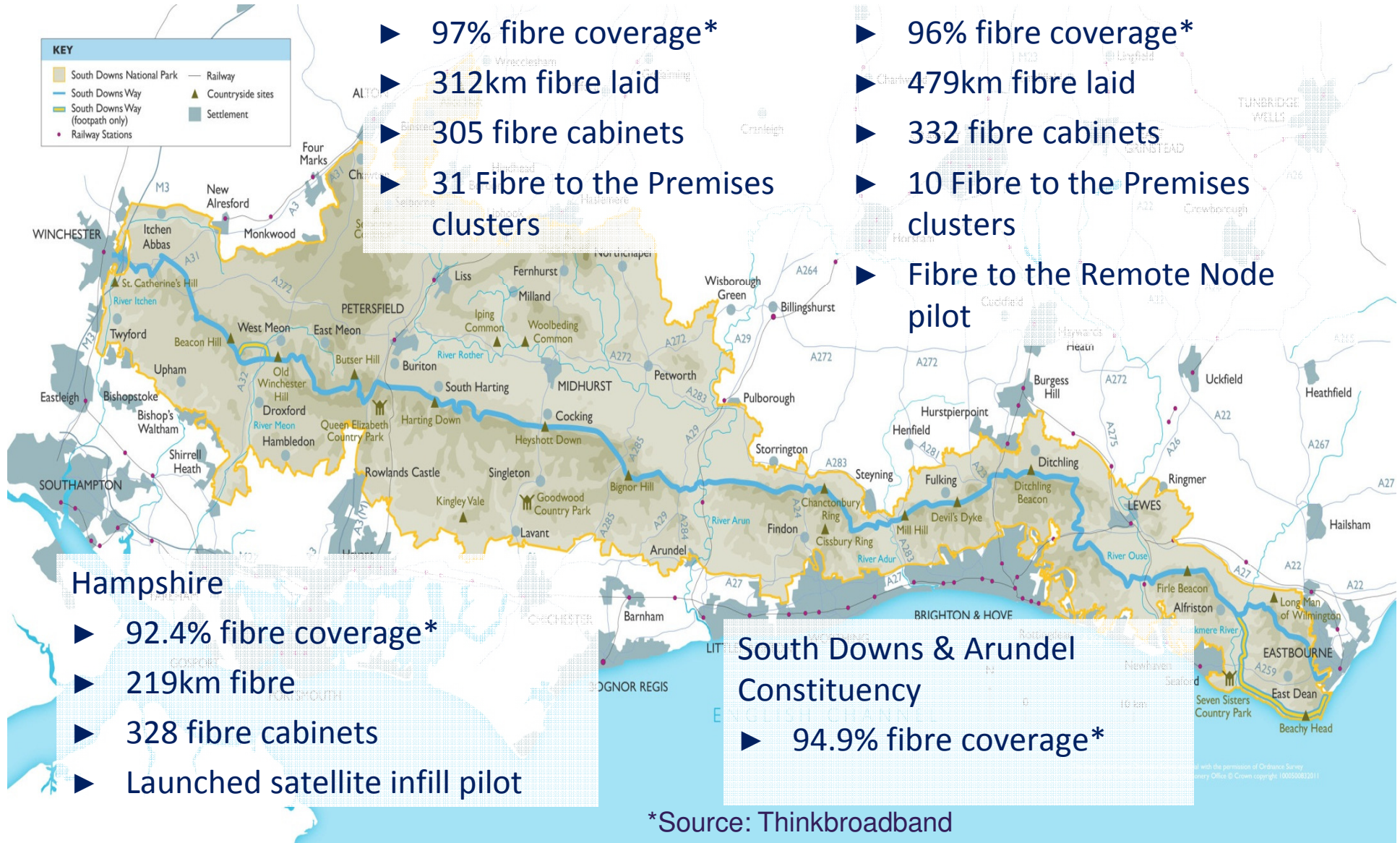
to work with UK Government, local government and devolved administrations to get to

95%
of the UK

Going further needs more

**and
different**
partnership approaches...

The local fibre broadband picture



West Sussex

- ▶ 97% fibre coverage*
- ▶ 312km fibre laid
- ▶ 305 fibre cabinets
- ▶ 31 Fibre to the Premises clusters

East Sussex

- ▶ 96% fibre coverage*
- ▶ 479km fibre laid
- ▶ 332 fibre cabinets
- ▶ 10 Fibre to the Premises clusters
- ▶ Fibre to the Remote Node pilot

Hampshire

- ▶ 92.4% fibre coverage*
- ▶ 219km fibre
- ▶ 328 fibre cabinets
- ▶ Launched satellite infill pilot

South Downs & Arundel Constituency

- ▶ 94.9% fibre coverage*

*Source: Thinkbroadband

BT's economic impact in the region



West Sussex

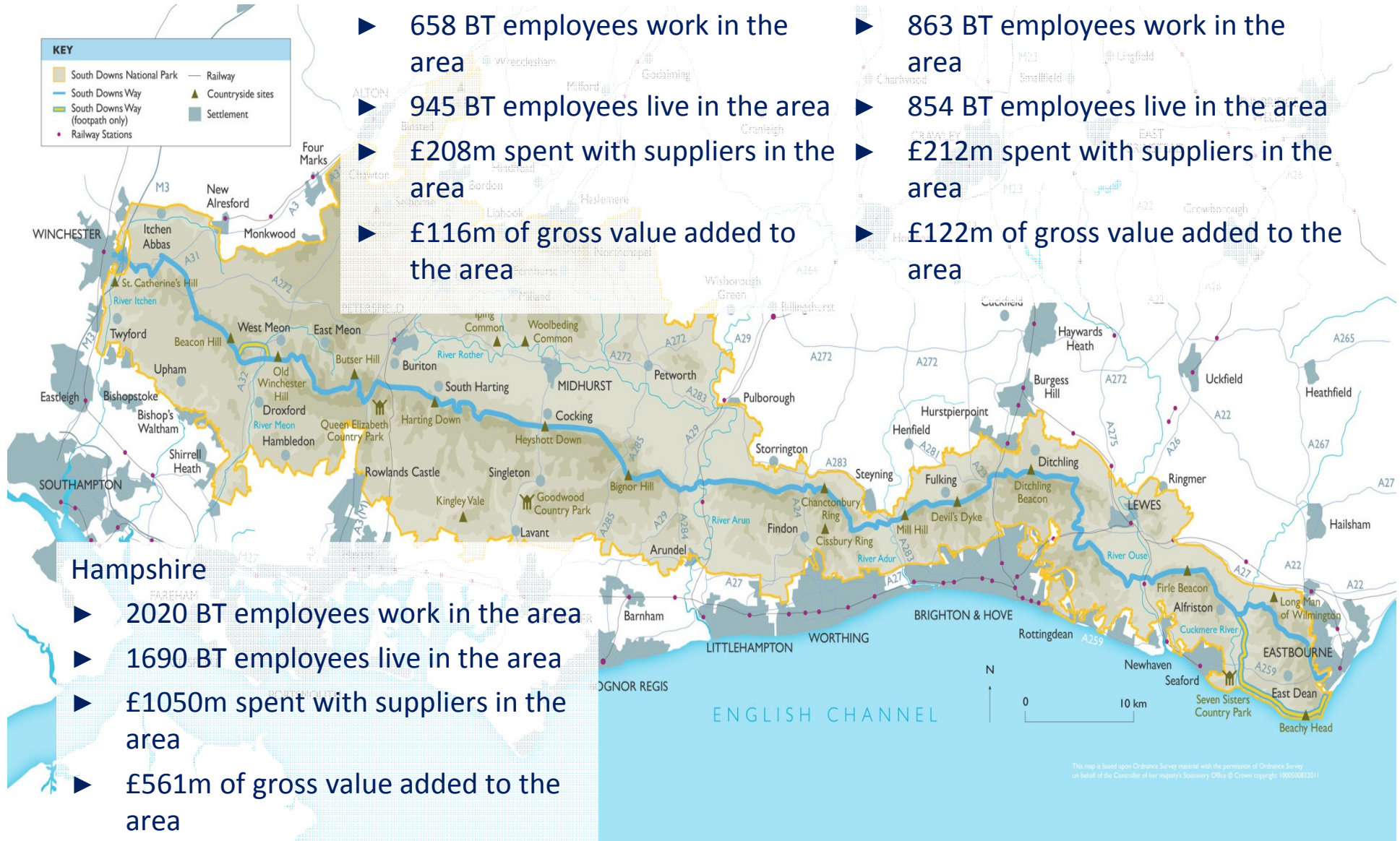
- ▶ 658 BT employees work in the area
- ▶ 945 BT employees live in the area
- ▶ £208m spent with suppliers in the area
- ▶ £116m of gross value added to the area

East Sussex

- ▶ 863 BT employees work in the area
- ▶ 854 BT employees live in the area
- ▶ £212m spent with suppliers in the area
- ▶ £122m of gross value added to the area

Hampshire

- ▶ 2020 BT employees work in the area
- ▶ 1690 BT employees live in the area
- ▶ £1050m spent with suppliers in the area
- ▶ £561m of gross value added to the area



BT is innovating to go further and faster with superfast broadband



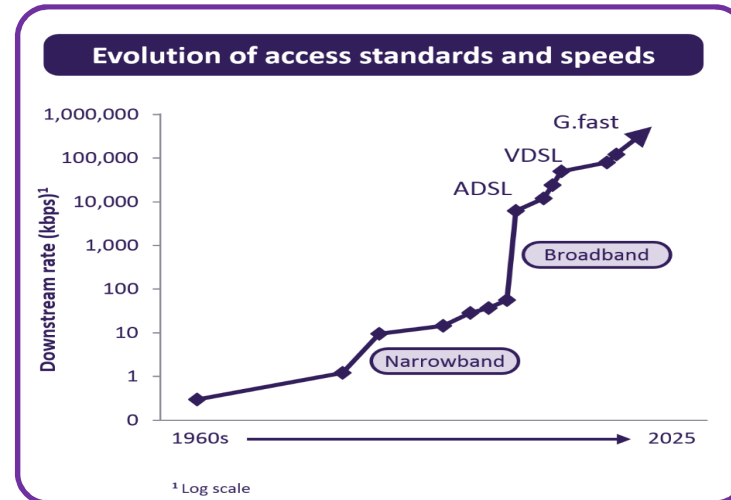
- Small clusters of properties - “Fibre to the Remote Node” (FTTRN)
- Dealing with long lines from cabinets - Long reach VDSL and Vectoring
- New build and remote properties - Fibre to the Premises (FTTP)
- Exchange only lines and secondary connection points – Copper rearrangement, All-in-One cabinets
- Overcoming obstacles such as rivers – Microwave wireless to the cabinet
- For the most difficult to reach premises - satellite



G.Fast – New technology delivering Ultrafast speeds



- BT has been working to define international standards for a cutting-edge new technology - **G.fast** – for several years.
- Our lab trials at Adastral Park in Suffolk have shown that G.fast is capable of delivering ultrafast speeds of **several hundred megabits per second**.
- G.fast is therefore at the heart of BT's ambitious plans to **increase the speed** of our access network.
- This technology, backed up by a **premium (FTTP) fibre broadband service** for super-users, will help to **maintain the UK's position** as a leading digital economy for years to come.
- G.fast will provide customers with the **bandwidth they need** for advanced applications, ultra-high definition TV and other future technologies.



For 7 years BT has made bold commitments on fibre and met them!



SEP 2015

BT announces “never say no”; plans for G.fast; new services to connect the very hardest to reach premises



Working in partnership with local communities



Ashley, Northamptonshire



Manor Royal, West Sussex



Abbotswood, Hampshire



Fell-End, Cumbria



Preston, Hertfordshire



Little Wenlock, Shropshire



Islip, Oxfordshire



Claverton, Somerset



Rotherwick, Hampshire

Community partnership approach



Potential beneficiaries

- Residents groups, parishes, developers, landlords, Business Improvement Districts (BIDs) or other interest groups

Process

- “Community” approaches BT
- Openreach confirms the area of interest is outside existing programmes and plans
- Openreach provides a quote for delivery
- Community funds 50% of its contribution at contract signature,
- 50% upon completion

Partnership approach

- Openreach invests to maximum commercial level
- Community funds difference between commercial and actual cost
- Once delivered, Openreach takes responsibility for operating costs and future upgrades

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How to get more information



westsussex-betterconnected.org.uk/home

esussex.org

hampshiresuperfastbroadband.com

communityfibre.bt.com

superfast-openreach.co.uk/where-and-when/



Thankyou