



<b>SUBJECT:</b>	<b>BROADBAND IN MONMOUTHSHIRE: Superfast Broadband in Monmouthshire and Associated Opportunities for Delivery of External iCounty Activities</b>
<b>MEETING:</b>	<b>ECONOMY AND DEVELOPMENT SELECT COMMITTEE</b>
<b>DATE:</b>	<b>24<sup>th</sup> February 2015</b>
<b>DIVISION/WARDS AFFECTED:</b>	<b>All</b>

**1. PURPOSE:**

- 1.1 To present a review of a report commissioned in 2014 (produced by Disconnected Wales and the Community Broadband Network) to inform MCC of the likely and continued digital deprivation following the implementation of Next Generation Broadband Access or *Superfast Cymru* in Monmouthshire.
- 1.2 To raise awareness of ICT exploitation opportunities associated with [Superfast Cymru](#), the Superconnected Cities programme and other alternative connection technologies such as wireless and satellite deployed in the county.
- 1.3 To recognise the need for additional resources to enable Monmouthshire Business and Enterprise to capitalise on Monmouthshire's existing and emerging Broadband infrastructure assets, to ensure opportunities and experience are maximised and gaps in provision, skills and impact are addressed.

**2. RECOMMENDATIONS:**

- 2.1 To consider the findings from the report and opportunities associated with *Superfast Cymru* and associated programmes.
- 2.2 For Economy and Development Select Committee to endorse this report to be presented to Cabinet to secure ICT reserve funding to allow additional resources to be secured to ensure that the potential of *Superfast Cymru* and associated programmes are maximised for the benefit of Monmouthshire businesses and residents.

### 3. KEY ISSUES:

- 3.1 The Authority's iCounty strategy, as its digital policy centre-piece, is a key means of ensuring that technology contributes to the countywide vision for building sustainable and resilient communities. The strategy recognises the relevance of technology and connectivity for all, in that it enables inclusive and connected community and supports a strong and growing economy. Making broadband available for all is a key aspiration of the strategy.
- 3.2 In 2011 Welsh Government appointed BT to develop a nationwide Superfast broadband infrastructure in Wales to promote economic growth and sustainable jobs in Wales making Wales a more attractive destination for inward investment and more competitive with other parts of the UK and the world.
- 3.3 The purpose of the *Superfast Cymru* programme is to boost BT's commercial roll-out to deploy high speed fibre broadband to 96% of homes and businesses in Wales by June 2016 through the provision of significant public subsidies. The overall aim of the programme is for all businesses in Wales to have access to a minimum of 30Mbps by 2016 and all residential premises by the end of 2020. There has been a lack of clarity surrounding the deployment of the programme, prompting fears that given the rural landscape of Monmouthshire that hard to reach areas in the county are set to be further digitally deprived in the future hence. It was these fears that lead to the commissioning of the Monmouthshire Broadband report. Since the report a [timetable](#) has been released by BT detailing the exchange upgrades. The latest timetable for Monmouthshire exchanges is shown in appendix 1. Further clarification was received following a presentation given to MCC Officers by BT in January 2015 where BT confirmed that to date 25,500 premises have been enabled with a further 15,500 planned (see Appendix 2). BT also requested that Members be made aware of the need for short term traffic disruption across the County in the form of rolling traffic lights, in order to progress the associated civil works.
- 3.4 Prior to the commencement of *Superfast Cymru* in 2012 broadband speeds across the county were diverse with the major towns enjoying reasonable speeds but the remainder of the county struggling with poor speeds of less than 2Mbps. Since 2012, broadband speeds across the county have not really seen any significant improvement except in those areas benefiting from the 'Connecting Monmouthshire' initiative as detailed in point 4.5 below. For example in 2012, Chepstow was labelled as 'enabled' yet at the time only 8.5% of premises had access to Fibre to the Cabinet. 'Enabled' does not automatically lead to an upgrade for all customers supported by that exchange as customers need to pay for the Superfast premium service. This therefore uncovers issues of affordability and further opens the digital divide in the county. In addition, it is important to note that even though new BT Cabinets may have been deployed some many not necessarily be 'commissioned' for a number of weeks following the installation.

- 3.5 In 2011, the UK Government established an Urban Broadband Fund (UBF) to create 22 Super Connected Cities across the UK including Newport and Cardiff. Since the Autumn of 2014, following negotiations with Newport CC, many Monmouthshire SMEs within a specified radius of Newport now have the opportunity to apply for Broadband Connection Vouchers which serve as grants of up to £3000 to upgrade businesses to faster, better broadband. The vouchers cover the capital and equipment costs of upgrading business broadband connection. This [voucher scheme](#) is considered crucial to the development of the digital maturity and competitiveness of micro to medium size enterprises providing an opportunity to stimulate and access new markets at a faster pace than they would have done otherwise, helping secure a stronger economy and make the UK competitive in the global market. In January 2015 after further negotiation with the UK Government all of the county's SMEs were confirmed as being potentially eligible to apply for the voucher scheme. A successful partnership bid with Newport CC now enables Monmouthshire businesses to continue to have access to the programme until March 2016, which includes a further extension to include free Wi-Fi provision on public transport i.e. buses. In addition, a local company Spectrum is able to use the broadband structure it is installing under the scheme to enable free Wi-Fi in Caldicot and this could potentially be extended to other towns. Support for this programme is therefore key to the fulfilment of Monmouthshire County Council's iCounty and Digital Roadmap and Business Growth and Enterprise strategies.
- 3.6 Recently officers have been informed of the availability of an additional funding stream from the Department of Culture Media and Sport that is being used to pilot innovative broadband infrastructure activities in hard to reach areas. We are aware that a company, AB Internet, who have already digitally enabled communities in Pennalt, Llandenny, Llangwm and Grosmont, have won the contract and are likely to be progressing further broadband installation works in Monmouthshire as a result. The exact detail of the activities is yet to be determined however we are informed that installation work is expected to start early in the Spring and the company have requested officer support in terms of planning the deployment and also in investigating the potential to site masts on the Council's estate. Further information will be provided once it is available.

#### **4. REASONS**

- 4.1 Monmouthshire residents have high demand for broadband services as reflected in Ofcom figures indicating a 74% adoption rate in comparison to 72% in neighbouring Torfaen and Newport and Powys at 66%. There is also a need to ensure that Monmouthshire children have full access to a quality internet connection to ensure successful home learning. Other drivers include the council needs to prepare for increased digital public service delivery, the implementation of the Online Universal Credit system and the provision of digital health care.
- 4.2 Independent information made available from the Broadband report commissioned highlights that if all BT cabinets in Monmouthshire are upgraded under *Superfast Cymru* indicated that there was a risk that only 78% of Monmouthshire's premises would be predicted to

receive a superfast broadband service with a further 4% likely to receive at least 10Mbps. However these figures are based on the premise that a certain VDSL technology will be used whereby the signal degrades the further the telephone wire is from the telephone cabinet.

- 4.3 However BT is intending to deploy new technology solutions and fibre to the premise (FTTP) in order to ensure that its contract conditions are met and that across 96% of premises in Wales have access to superfast broadband. Unfortunately until the deployment programme is complete in 2016 the actual percentage for Monmouthshire will remain unknown. However, a number of liaison meetings have taken place with WG which has provided additional comfort that BT will meet the terms of the Superfast Cymru contract. BT has also requested support from MCC not only in terms of negotiating civil and planning notifications but also in their promotional activities, all of which require MCC resource, MCC Officers are also offering this service to other suppliers to ensure vendor neutrality.
- 4.4 The Authority has also been successful to date using alternative technologies. MCC's 'Connecting Monmouthshire' initiative funded via the Rural Development Programme (RDP) and an [EU acclaimed best practice example](#) has been successful in enabling over 2000 premises with up to 50Mbps; border areas have benefited from Herefordshire and Gloucestershire's 'Fasterhire' programme and remote areas have gained broadband access via a sustainable approach using renewables and masts resulting in reduced infrastructure costs due to the limited need for civil works.
- 4.5 However given the recent cessation of the RDP funds and continuing lack of clarity surrounding *Superfast Cymru* and the potential for a proportion of premises and businesses to miss out on the Superfast broadband step change, including local Industrial Enterprise Zones, this unknown percentage is proving a risk to future inward investment projects. There is therefore a clear need for intervention from either the Public or Private sector or both to address the gap between those Monmouthshire residents enjoying superfast broadband and those who could well be left digitally deprived following *Superfast Cymru* deployment. WG will be rolling out a Superfast Cymru [infill project](#) that looks to target the 'white areas' that remain once the Superfast Cymru project has been deployed.
- 4.6 In addition a significant skills issue exists in the County. Recent figures obtained from the 'Get Monmouthshire On Line' initiative indicate that 19% of Monmouthshire households don't have internet access and 20% (approximately 14,363) adults in Monmouthshire don't use the internet. Given the recent push by UK government with the rollout of Universal Credit, Universal Job Match and on-line payments to farmers there is clear evidence that a continuation of the 'Get Monmouthshire On Line' initiative post March 2015 is required. In addition there is potential to evolve the scheme to support volunteering and collaboration with the Barclays Bank Digital Eagles programme, active in Monmouthshire's towns.

4.7 Given the rurality of the county, Monmouthshire has a diverse range of needs translating to a wide range of solutions that are being employed such as wireless and satellite as exemplified in point 4.4. It is therefore recommended that the following activities are undertaken to maximise the opportunities available:

**a) Superconnected Cities:** Since its inception in September 2014 26 businesses in Caldicot, and Tintern have already signed up for broadband connection voucher scheme with an additional 25 Expressions of Interest having been received. It is possible that the next activity in voucher take-up will be Chepstow High Street. Five champions have come to the fore within the County, taking up the campaign in their respective neighbourhoods. Leaflet drops have taken place by MCC staff in industrial estates across the county raising awareness of the scheme as well as attending Chamber meetings in Chepstow, Monmouth, Abergavenny and Usk to gain more interest. The ambition is to exceed a total of 100 participating businesses however it is recognised that given the limited capacity of the Monmouthshire Business and Enterprise team of three, an additional resource will be required to enable coordination of activity to maximise impact, marketing and promotional activities, business network engagement activities, data management and forward planning.

**b) Data Mapping:** A key output of the Monmouthshire Business Growth and Enterprise Strategy is the establishment of baseline data to determine the current level of digitally enabled Monmouthshire businesses in order to chart progress in their digital maturity i.e. from *Novice Entrants* (basic company website, on line banking transactions through to *Digital Innovators* (active presence on social media, limited off line transactions, continual investment in modern digital infrastructure). Taking lessons learned from WG's evaluation of the Digital Gwynedd ICT exploitation pilot the establishment of this benchmark data is essential in measuring the success of any planned ICT exploitation activities undertaken in the county and achieving MCC's vision of *becoming one of the UK's most inspiring spaces for digital advancement*.

**c) Digital Presence:** In order to bring strength and coherence to this external strand of iCounty there is a need for a coordinated web presence which is accessible to both businesses and communities. The web portal will provide up to date information on the progress of the *Superfast Cymru* rollout, encourage sign up for superfast services, raise awareness of the benefits of improved broadband, inform businesses and individuals of how they can improve their skills and access support and alert citizens to the new public services that are available on line. The portal will be maintained by the Monmouthshire Business and Enterprise team as part of their digital offer to ensure it remains accurate and fresh. This presence would also support resident engagement with the 'Monmouthshire Made Open' platform.

**d) ICT Exploitation:** An extensive programme of ICT exploitation activities will be undertaken to encourage the take up of broadband services, so residents and businesses will have the necessary skills to take full advantage of the digital world and e-commerce opportunities that are available to them. Activities will include:

- Local promotion and maximisation of the WG ICT exploitation programme – “[Superfast Business Wales](#)”.
- A funding application to the new RDP for an urban/rural skills programme that will take advantage of the existing Wi-Fi structure in Monmouth (as per recommendations included in the evaluation of MonmouthpediA) and the new connection for the school being installed in Shirenewton;
- Transition funding to continue the ‘Get Monmouthshire On Line’ programme which has successfully trained 350 individuals to date. However the current funding ends in March 2015 so there is a need to fund the gap while the new programme is being developed by Communities 2.0 to ensure momentum is not lost.

## 5. RESOURCE IMPLICATIONS:

5.1 Whilst possible external sources of funding are being explored to address many of the requirements above there is a clear need for additional resources if MCC’s aspirations with regard to iCounty and the exploitation of ICT and broadband are to be met. Detailed in the table below is a list of the detailed recommendations outlined in section 4.7 above together with the corresponding resource required:

<b>Recommendation</b>	<b>Resource Allocation required</b>
Superconnected Cities exploitation and promotion programme	£43,200 (based on two days per week for twelve months)
Data mapping exercise	£5,000
Digital Presence	£5,000
Transition Funding for ‘Get Monmouthshire On Line’	£20,000 (estimate based on 6-month gap funding)
<b>Total resource allocation required</b>	<b>£73,200</b>

5.2 It is requested that these one-off resources are funded from earmarked reserves.

## 6. SUSTAINABILITY AND EQUALITY IMPACT ASSESSMENT

6.1 This report requires an agreement in principle with regard to the allocation of resources rather than a decision. As a result there are no sustainability or equality impacts to be assessed at this stage. The sustainability and equality impact assessment is available at appendix 3.

**7. CONSULTEES:**

Digital Board

**8. BACKGROUND PAPERS:**

Appendix 1 – Superfast Cymru Deployment – Where and When

Appendix 2 – Planned Monmouthshire Deployment

Appendix 3 – Equality Impact Assessment and Sustainability Checklist

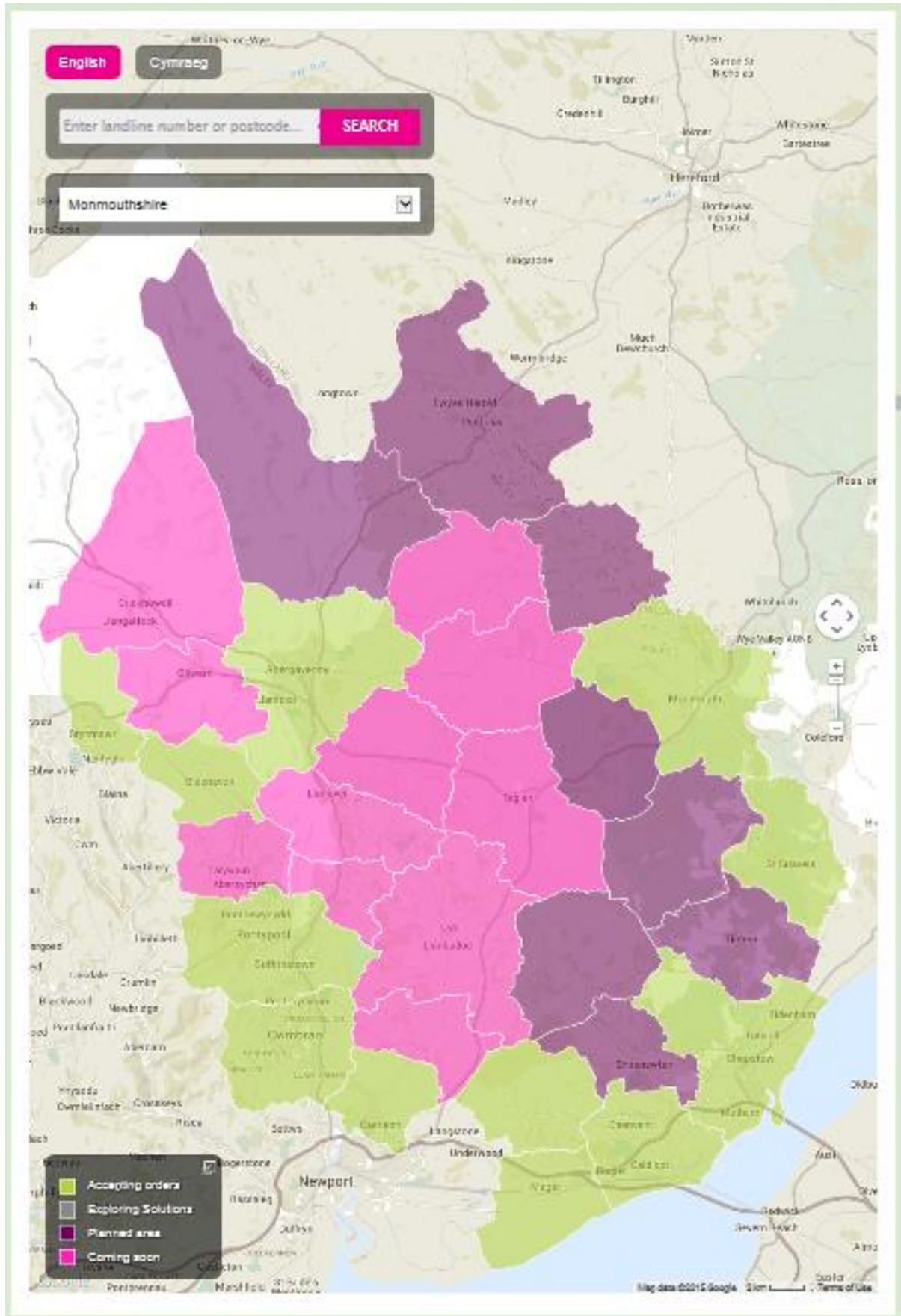
**9. AUTHORS:**

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# Appendix 1 – Superfast Cymru – Where and When (as at Feb 2015)





<b>Exchange</b>	<b>Status</b>	<b>Information Update</b>
Brynmawr	Accepting Orders	This exchange is fibre enabled under the Superfast Cymru programme. The majority of cabinets are live and service is available in most of the exchange area.
Blaenavon	Accepting Orders	This exchange is fibre enabled under the Superfast Cymru programme. The first cabinets are live at the exchange and service is available in parts of the exchange area.
Abergavenny	Accepting Orders	This exchange is fibre enabled under BT's commercial rollout. The first cabinets are live at the exchange and service is available in parts of the exchange area. Other providers may also have enabled a fibre service in this area. There is further fibre deployment planned for this exchange as part of the Superfast Cymru project commencing March 2015.
Monmouth	Accepting Orders	This exchange is fibre enabled under the Superfast Cymru programme. The first cabinets are live at the exchange and service is available in parts of the exchange area.
St Briavels	Accepting Orders	This exchange is fibre enabled under the Superfast Cymru programme. The first cabinets are live at the exchange and service is available in parts of the exchange area.
Pontypool	Accepting Orders	This exchange is fibre enabled under BT's commercial rollout. The first cabinets are live at the exchange and service is available in parts of the exchange area. Other providers may also have enabled a fibre service in this area. There is further fibre deployment planned for this exchange as part of the Superfast Cymru project commencing March 2015.
Cwmbran	Accepting Orders	This exchange is fibre enabled under BT's commercial rollout, other providers may also have enabled a fibre service in this area . Many cabinets are live at the exchange and service is available in most of the exchange area. There is further fibre deployment underway in this exchange as part of the Superfast Cymru project.
Caerleon	Accepting Orders	This exchange is fibre enabled under BT's commercial rollout, other providers may also have enabled a fibre service in this area . Many cabinets are live at the exchange and service is available in most of the exchange area. There is further fibre deployment underway in this exchange as part of the Superfast Cymru project.

<b>Exchange</b>	<b>Status</b>	<b>Information Update</b>
Penhow	Accepting Orders	This exchange is fibre enabled thanks to the Superfast Cymru programme. The majority of cabinets are live and service is available in most of the exchange area.
Magor	Accepting Orders	This exchange is fibre enabled under the Superfast Cymru programme. The first cabinets are live at the exchange and service is available in parts of the exchange area
Caldicot	Accepting Orders	This exchange is fibre enabled under BT's commercial rollout, other providers may also have enabled a fibre service in this area . Many cabinets are live at the exchange and service is available in most of the exchange area. There is further fibre deployment underway in this exchange as part of the Superfast Cymru project.
Chepstow	Accepting Orders	This exchange is fibre enabled under BT's commercial rollout. the first cabinets are live at the exchange and service is available in parts of the exchange area. Other providers may also have enabled a fibre service in this area. There is further fibre deployment planned for this exchange as part of the Superfast Cymru project commencing December 2014.
Crickhowell	Coming Soon	Fibre rollout in this exchange area due to start: March 2015.
Gilwern	Coming Soon	Fibre rollout in this exchange area due to start: March 2015.
Cross Ash	Coming Soon	Fibre rollout in this exchange area due to start: June 2015.
Llantilio Crossenny	Coming Soon	Fibre rollout in this exchange area due to start: June 2015.
Gobion	Coming Soon	Fibre rollout in this exchange area due to start: June 2015.
Raglan	Coming Soon	Fibre rollout in this exchange area due to start: March 2015.
Nantyderry	Coming Soon	Fibre rollout in this exchange area due to start: March 2015.
Talywaun	Coming Soon	Fibre rollout in this exchange area due to start: March 2015.
Little Mill	Coming Soon	Fibre rollout in this exchange area due to start: June 2015.
Usk	Coming Soon	Fibre rollout in this exchange area due to start: March 2015.
Crucorney	Planned	Fibre rollout in this exchange area due to start: March 2016.

<b>Exchange</b>	<b>Status</b>	<b>Information Update</b>
Pontrilas	Planned	Fibre rollout in this exchange area due to start: September 2015.
Skenfrith	Planned	Fibre rollout in this exchange area due to start: December 2015.
Dingestow	Planned	Fibre rollout in this exchange area due to start: September 2015.
Trelleck	Planned	Fibre rollout in this exchange area due to start: September 2015.
Tintern	Planned	Fibre rollout in this exchange area due to start: March 2016.
Wolvesnewton	Planned	Fibre rollout in this exchange area due to start: September 2015.
Shirenewton	Planned	Fibre rollout in this exchange area due to start: September 2015.

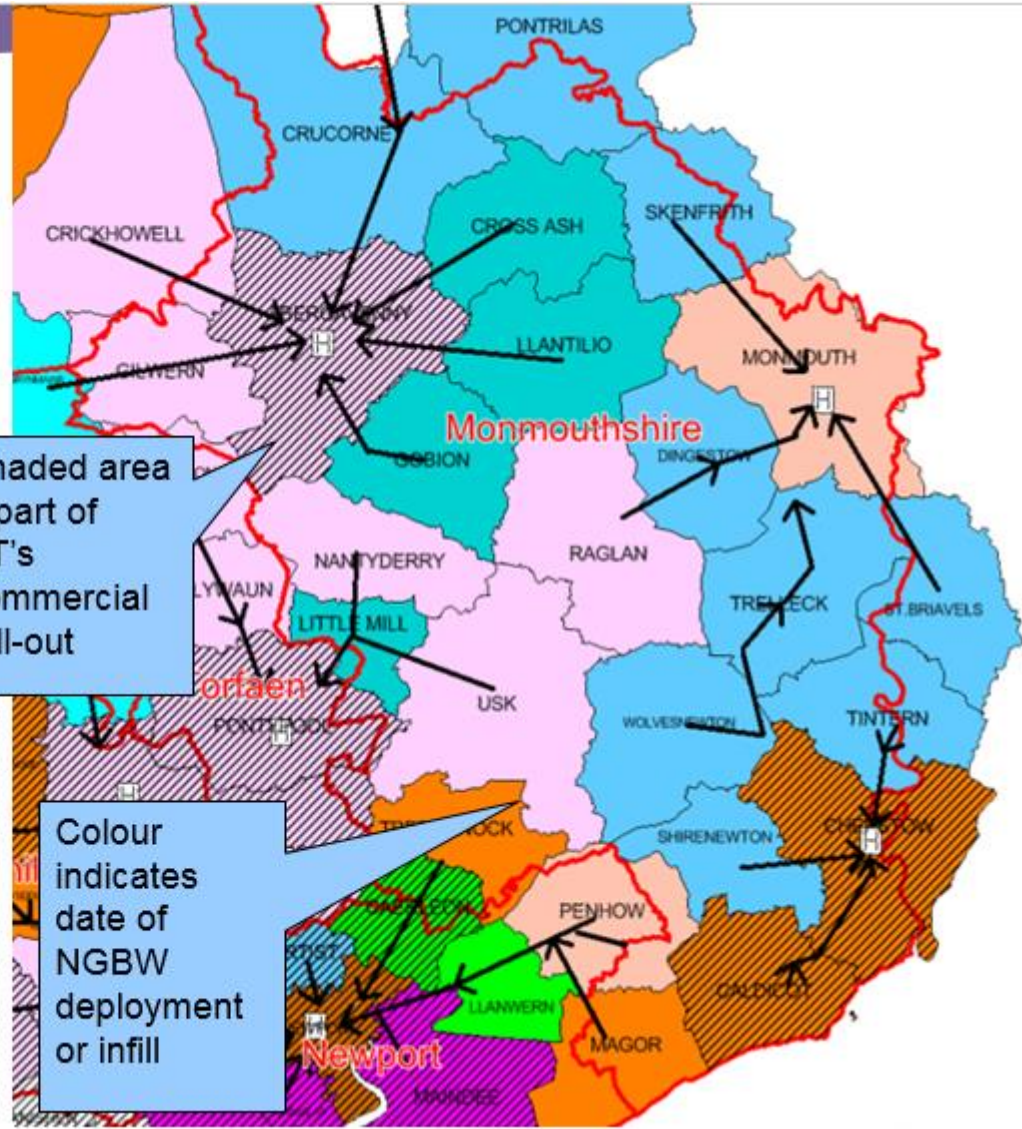
Appendix 2:

# Planned Monmouthshire Deployment

- Key:**
- Year 1 Jan - Mar 13
    - NGBW Phase 9B
    - NGBW Phase 10A
  - Year 1 Apr - Jun 13
    - NGBW Phase 10B
  - Year 1 Jul - Sept 13
    - NGBW Phase 11A
  - Year 1 Oct - Dec 13
    - NGBW Phase 11B
  - Year 2 Jan - Mar 14
    - NGBW Phase 12A
  - Year 2 Apr - Jun 14
    - NGBW Phase 12B
  - Year 2 Jul - Sept 14
    - NGBW Phase 13A
  - Year 2 Oct - Dec 14
    - NGBW Phase 13B
  - Year 3 Jan - Mar 15
    - NGBW Phase 14A
  - Year 3 Apr - Jun 15
    - NGBW Phase 14B
  - Year 3 Jul - Sept 15
    - NGBW Phase 14B
- As indicated
- ▨ includes pre-existing NGA Commercial Areas
- Head End and Child Exchange linkage
- ⊞ Head End Exchange
  - ← Parent / Child Exchange link
- Unitary Authority Boundary
- ▭

Shaded area - part of BT's commercial roll-out

Colour indicates date of NGBW deployment or infill



## Appendix 3

### The “Equality Initial Challenge”

Name: Service area: Enterprise Date completed: 5 <sup>th</sup> February 2015		Please give a <b>brief description</b> of what you are aiming to do.  To present a critical review of a report commissioned in 2014 (produced by Disconnected Wales and the Community Broadband Network) to inform MCC of the likely and continued digital deprivation following the implementation of Next Generation Broadband Access or <i>Superfast Cymru</i> in Monmouthshire.  To raise awareness of ICT exploitation opportunities associated with <a href="#">Superfast Cymru</a> , the Superconnected Cities programme and other alternative connection technologies such as wireless and satellite deployed in the county.  To recognise the need for additional resources to enable Monmouthshire Business and Enterprise to capitalise on Monmouthshire’s existing and emerging Broadband infrastructure assets, to ensure opportunities and experience are maximised and gaps in provision, skills and impact are addressed.	
Protected characteristic	Potential <b>Negative</b> impact Please give details	Potential <b>Neutral</b> impact Please give details	Potential <b>Positive</b> Impact Please give details

Age	n/a	n/a	Capitalisation of emerging Broadband infrastructure assets and maximization of skills opportunities to reduce digital deprivation
Disability			Capitalisation of emerging Broadband infrastructure assets and maximization of skills opportunities to reduce digital deprivation
Marriage + Civil Partnership	n/a	n/a	n/a
Pregnancy and maternity	n/a	n/a	n/a
Race	n/a	n/a	n/a
Religion or Belief	n/a	n/a	n/a
Sex (was Gender)	n/a	n/a	n/a
Sexual Orientation	n/a	n/a	n/a
Transgender	n/a	n/a	n/a
Welsh Language			Information will be produced bilingually in line with the authority's Welsh Language Editorial Policy

Please give details about any potential <b>negative Impacts</b> .	How do you propose to <b>MITIGATE</b> these <b>negative impacts</b>
➤ <i>n/a</i>	➤
➤	➤
➤	➤
➤	➤

**Signed**

**C Fallon**

**Designation Head of Economy & Enterprise**

**Dated 5/02/15**



## EQUALITY IMPACT ASSESSMENT FORM

What are you impact assessing	Service area
<p>To present a critical review of a report commissioned in 2014 (produced by Disconnected Wales and the Community Broadband Network) to inform MCC of the likely and continued digital deprivation following the implementation of Next Generation Broadband Access or <i>Superfast Cymru</i> in Monmouthshire.</p> <p>To raise awareness of ICT exploitation opportunities associated with <a href="#">Superfast Cymru</a>, the Superconnected Cities programme and other alternative connection technologies such as wireless and satellite deployed in the county.</p> <p>To recognise the need for additional resources to enable Monmouthshire Business and Enterprise to capitalise on Monmouthshire's existing and emerging Broadband infrastructure assets, to ensure opportunities and experience are maximised and gaps in provision, skills and impact are addressed.</p>	<p>Enterprise</p>
Policy author / service lead	Name of assessor and date

Kellie Beirne	C Fallon 5/02/15
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1. What are you proposing to do?

Raise awareness of ICT exploitation opportunities associated with [Superfast Cymru](#), the Superconnected Cities programme and other alternative connection technologies such as wireless and satellite deployed in the county.

Recognise the need for additional resources to enable Monmouthshire Business and Enterprise to capitalise on Monmouthshire's existing and emerging Broadband infrastructure assets, to ensure opportunities and experience are maximised and gaps in provision, skills and impact are addressed.

2. Are your proposals going to affect any people or groups of people with protected characteristics in a **negative** way? If **YES** please tick appropriate boxes below.

Age		Race	
Disability		Religion or Belief	
Gender reassignment		Sex	
Marriage or civil partnership		Sexual Orientation	
Pregnancy and maternity		Welsh Language	

3. Please give details of the negative impact

n/a

4. Did you take any actions to mitigate your proposal? Please give details below including any consultation or engagement.

n/a

5. Please list the data that has been used to develop this proposal? eg Household survey data, Welsh Govt data, ONS data, MCC service user data, Staff personnel data etc..

Household survey data, Welsh Government data, ONS data.

**Signed**.....C Fallon.....**Designation**...**Head of Economy and Enterprise** . ...**Dated**.....5<sup>th</sup> February 2015.....

### The “Sustainability Challenge”

<p><b>Name of the Officer</b> completing “the Sustainability challenge”</p> <p>C Fallon</p>	<p>Please give a <b>brief description</b> of the <b>aims</b> proposed policy or service reconfiguration</p> <p>Raise awareness of ICT exploitation opportunities associated with <a href="#">Superfast Cymru</a>, the Superconnected Cities programme and other alternative connection technologies such as wireless and satellite deployed in the county.</p> <p>Recognise the need for additional resources to enable Monmouthshire Business and Enterprise to capitalise on Monmouthshire’s existing and emerging Broadband infrastructure assets, to ensure opportunities and experience are maximised and gaps in provision, skills and impact are addressed.</p>		
<p><b>Name</b> of the Division or service area</p> <p>Monmouthshire Business and Enterprise</p>	<p><b>Date</b> “Challenge” form completed</p> <p>5<sup>th</sup> February 2015</p>		
<p>Aspect of sustainability affected</p>	<p><b>Negative impact</b></p> <p><b>Please give details</b></p>	<p>Neutral impact</p> <p><b>Please give details</b></p>	<p><b>Positive Impact</b></p> <p><b>Please give details</b></p>
<p><b>PEOPLE</b></p>			

Ensure that more people have access to healthy food	n/a	n/a	Improved access to on line food stores can increase access to healthy food options
Improve housing quality and provision	n/a	n/a	Improved access to on line information can increase awareness of housing provision and improve access to housing quality improvement websites
Reduce ill health and improve healthcare provision	n/a	n/a	Given the move towards tele health care improvements to digital infrastructure presents opportunities for digital healthcare delivery
Promote independence	n/a	n/a	Improved broadband access to reduce isolation and promote independence
Encourage community participation/action and voluntary work	n/a	n/a	Improved broadband infrastructure and digital skills can encourage wider participation in community and voluntary work
Targets socially excluded	n/a	n/a	Improved broadband infrastructure and digital skills can reduce social isolation
Help reduce crime and fear of crime	n/a	n/a	Improved broadband infrastructure and digital skills can help reduce crime and fear of crime by offering

			24 on line services to citizens
Improve access to education and training			Improved broadband infrastructure and digital skills improves opportunities for education and training via access to on line universities and training courses
Have a positive impact on people and places in other countries	n/a	n/a	Improved broadband infrastructure and digital skills can raise awareness of issues in other countries and encourage participation
<b>PLANET</b>			
Reduce, reuse and recycle waste and water	n/a	n/a	Improved broadband infrastructure and digital skills can raise awareness of these issues encourage positive participation
Reduce carbon dioxide emissions	n/a	n/a	Improved broadband infrastructure and digital skills can encourage citizens to work from home thus reducing carbon emissions
Prevent or reduce pollution of the air, land and water	n/a	n/a	Improved broadband infrastructure and digital skills can raise awareness of these issues encourage positive participation



Protect or enhance wildlife habitats (e.g. trees, hedgerows, open spaces)	n/a	n/a	Improved broadband infrastructure and digital skills can raise awareness of these issues encourage positive participation
Protect or enhance visual appearance of environment	n/a	n/a	Improved broadband infrastructure and digital skills can raise awareness of these issues encourage positive participation
<b>PROFIT</b>			
Protect local shops and services	n/a	n/a	Improved broadband infrastructure and digital skills can encourage citizens to work from home and therefore shop locally.
Link local production with local consumption	n/a	n/a	Improved broadband infrastructure and digital skills can raise awareness of these issues and encourage positive participation
Improve environmental awareness of local businesses	n/a	n/a	Improved broadband infrastructure and digital skills can raise awareness of these issues and encourage positive participation
Increase employment for local people	n/a	n/a	Improved broadband infrastructure and digital skills can encourage inward investment which leads to new jobs in the county

Preserve and enhance local identity and culture	n/a	n/a	Improved broadband infrastructure and digital skills can raise awareness of these issues and encourage positive participation
Consider ethical purchasing issues, such as Fairtrade, sustainable timber (FSC logo) etc	n/a	n/a	Improved broadband infrastructure and digital skills can raise awareness of these issues and encourage positive participation
Increase and improve access to leisure, recreation or cultural facilities	n/a	n/a	Improved broadband infrastructure and digital skills can raise awareness of these issues and encourage positive participation

What are the potential negative Impacts	Ideas as to how we can look to <b>MITIGATE</b> the <b>negative impacts</b> (include any reasonable adjustments)
➤ n/a	➤
➤	➤
➤	➤
➤	➤

## The next steps

- If you have assessed the proposal/s as having a **positive impact please give full details** below

By capitalising on Monmouthshire's existing and emerging Broadband infrastructure assets, opportunities and experience will be maximised and gaps in provision, skills and impact will be addressed.

- If you have assessed the proposal/s as having a **Negative Impact** could you please provide us with details of what you propose to do to mitigate the negative impact:

**Signed C Fallon**

**Dated 5<sup>th</sup> February 2015**

