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Llywodraeth Cymru  
Welsh Government

Welsh Government  
Summary of Responses

## Next Generation Access Broadband 2019

Date of issue: June 2020

Mae'r ddogfen yma hefyd ar gael yn Gymraeg.  
This document is also available in Welsh.

## Summary

The objective of this Next Generation Access (NGA) Open Market Review (OMR) was to understand where private sector investment in NGA networks – defined as providing broadband at 30Mbps or greater – has already occurred, is currently being undertaken, or is planned in Wales in the next three years. The primary reason for carrying out this OMR 2019 is to fully understand connectivity in Wales to support the Welsh Government and Local Authorities in any potential future interventions. In addition to seeking information regarding NGA, we also asked about access to Gigabit services.

An OMR 2019 Request for Information (RFI) was issued by the Welsh Government undertaken between 19/07/19 and 20/08/19, which enabled telecommunications companies and broadband providers to respond with detailed information on their NGA network technology, their current NGA coverage (either at premises (UPRN<sup>1</sup>) or postcode level) and their future NGA rollout plans across Wales. The data received was then analysed by the Welsh Government in order to classify the premises and postcodes in Wales according to their coverage status prior to the Public Consultation.

Following the OMR RFI, a Public Consultation was undertaken between the 12/11/19 and 12/12/19. All stakeholders were invited to respond including telecommunications and broadband providers, industry organisations, Local Authorities and members of the public to provide information regarding broadband connectivity in Wales.

All information and data received was analysed by Welsh Government in order to classify the premises and postcodes in Wales according to their coverage status to produce a final map and dataset detailing the current and planned NGA coverage across Wales.

### **Purpose of this document**

This Summary of Responses document outlines at a high level the twelve (12) OMR RFI responses and all Public Consultation responses received and the subsequent next steps in the process.

### **Data classification**

When determining the status of NGA services, by default the Welsh Government used UPRN premises level information – if this was received. However, where only

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<sup>1</sup> A Unique Property Reference Number (UPRN) is a unique alphanumeric identifier for every spatial address in Great Britain which is found in Ordnance Survey Address products. The UPRN provides a comprehensive and consistent identifier throughout a property's life cycle from planning permission through to demolition.

postcode level information was provided, the Welsh Government deemed the whole postcode area to be covered by NGA services if proven speeds and evidence was available.

With regard to premises level data:

- A premises is turned “Grey” if there is only one broadband infrastructure operator providing NGA services to that premises.
- A premises is turned “Black” if there are at least two broadband infrastructure operators providing NGA services to that premises.
- All other premises remain “White” i.e. no NGA broadband infrastructure operators are present.

With regard to postcode level data:

- A postcode is turned Grey if there is only one broadband infrastructure operator providing NGA to that postcode.
- A postcode is turned Black if there are at least two broadband infrastructure operators providing NGA services to that postcode.
- A postcode is also turned Black if there is one postcode provider and one or more premises providers providing NGA services.
- All other postcodes remain White i.e. no NGA broadband infrastructure operators are present providing NGA services.

The potential Intervention Area also includes Under Review areas (both “Under Review” premises and “Under Review” postcode) and “Filtered” premises.

Under Review areas are areas that have been indicated by broadband infrastructure providers to have planned commercial coverage for NGA broadband (within the next 3 years). However, at present these particular NGA upgrades and/or network rollouts have not been fully proven and/or completed, and therefore may be ‘at risk’ of being completed and NGA services being delivered to these premises.

In cases where either postcodes or premises are thus flagged as Under Review, the telecommunications provider’s deployment plans will be subject to continued monitoring and verification by the Welsh Government. In the event that these commercial plans fall away, these postcodes and/or premises

would be mapped as NGA White (and would potentially form part of any future Intervention Area).

If, however postcode data shows Under Review premises, but there is premises level data for NGA services within the postcode, the Under Review status for those premises will be overwritten to be classified as NGA Grey or Black.

Filtered premises are those that are unlikely to represent end-points eligible for a NGA service. These have been removed from the Potential Intervention Area. Examples include, but are not limited to ponds, property shells and playing fields.

### **Data Generated from OMR Responses**

A key output of this OMR exercise is the creation of NGA interactive mapping showing the premises and postcode data which has been produced using the above classifications.

The initial Intervention Area mapping produced from this OMR can be found at:

<http://lle.gov.wales/map/ngaomr2019>

The final Intervention Area mapping produced from this OMR, including the information provided at RFI and Public Consultation stages can be found at:

*(Link will be provided in an updated version of this document in due course)*

Postcode and Local Authority level data has been published on the Welsh Government consultation website with this summary report of the findings:

<https://gov.wales/next-generation-access-broadband-2019>

Further to this, premises-level data has been uploaded to the Welsh Government's shared platform so Local Authorities, telecommunications providers and other interested organisations can independently analyse, map and use the information to inform their future activities within Wales.

All requests to access this platform should be sent to [NextGenerationBroadB1@gov.wales](mailto:NextGenerationBroadB1@gov.wales). The areas available to access are:

- 'Digital Infrastructure Hub' for Local Authorities; and
- 'Digital Infrastructure Data Sharing' for telecommunication providers and other interested organisations.

Members of the PSMA (Public Sector Mapping Agreement) will also have access to the associated latitude and longitude data to plot this data on a map. Further details can be found here <https://www.ordnancesurvey.co.uk/business-government/partner-member/member>.

## **Background**

The Welsh Government conducted its first Open Market Review (OMR) and Public Consultation in June 2011. Following this OMR and subsequent procurement process, the Superfast Cymru grant agreement to deliver superfast broadband to a defined intervention area was awarded to BT in 2012.

Superfast Cymru delivered superfast broadband access to circa to 733,000 homes and businesses in Wales (at >24 Mbit/s), of which 717,000 can achieve speeds of at least 30Mbit/s. The project was delivered with a public sector investment of over £200m. The technology rolled-out by Openreach was primarily Fibre to the Cabinet (FTTC) with some gigabit-capable Fibre to the Premises (FTTP) technology. This roll-out finished in 2018.

Throughout the life of Superfast Cymru two further OMRs were carried out to keep track of the changing picture of connectivity in Wales and the plans of private telecommunications providers. An OMR in 2014 resulted in further premises being brought in to the Superfast Cymru programme.

A further OMR was carried out in 2017 to reassess the number of White premises remaining in Wales. Based on the information produced, a further Welsh Government fibre roll-out project has been procured, which will fund connectivity to a further 26,000 premises across Wales. All of these premises are planned to be served by FTTP technology. This will be achieved with £26m of public subsidy from the Welsh Government and EU funding. There is potential that this will be increased to 39,500 premises as part of an extension of this current procurement.

## **OMR Summary**

The OMR included two parts of data collection; the OMR RFI aimed at solely telecommunications providers, and the Public Consultation aimed at all stakeholders.

### **OMR RFI**

The OMR RFI was open between 19/07/19 and 20/08/19. To ensure the market engagement was as wide as possible the OMR RFI was issued to a total of 358 suppliers including those suppliers known to have broadband infrastructure across

Wales and others known to have (or thought potentially to have) plans to deploy networks across Wales.

Several telecommunications suppliers requested an extension to the original OMR deadline of 20/08/19. The Welsh Government agreed an extension to 30/08/19.

Following receipt of the twelve OMR submissions received, the information was reviewed for completeness and for any anomalies or errors within the data provided. This initial review revealed that several suppliers' responses had gaps within their OMR submission, which meant the Welsh Government was unable to assess the supplier's broadband coverage claims across Wales. Therefore, emails were issued requesting either clarification on the information provided, or additional OMR information required in order to establish their NGA coverage, future rollout plans, the design and dimensioning of their networks, or to correct errors in the data. This information was then used to refine the Intervention Area, which was then issued with the Summary of Responses Document and Public Consultation Document.

### **Website Location**

<https://gov.wales/next-generation-access-broadband-open-market-review-2019>

### **Public Consultation**

The Public Consultation was launched via the Welsh Government website on the 12/11/19, with a deadline for responses set for the 12/12/19. The Public Consultation document was aimed at three audiences, with specific guidance given to each type regarding the response sought to the initial findings of the OMR. The three types of audience were:

- Residents and businesses within Wales;
- Local Authorities, public bodies and industry organisations; and
- Telecommunications providers.

The main purpose of the Public Consultation was to allow for each type of stakeholder to review and comment on the NGA premises-level dataset created using the information which confirm the areas across Wales that do not have NGA broadband infrastructure or any plans to have such infrastructure within three years. Suppliers were encouraged to review the proposed NGA White areas and White postcodes to ensure this list was as accurate as possible and all existing supplier NGA broadband coverage had been included within

the NGA mapping to inform any future procurement of NGA or Gigabit services within Wales.

As well as encouraging suppliers to respond, the Welsh Government was also keen to hear from Local Authorities not only on the accuracy of the NGA mapping data but also to gather any views and/or comments on how the Welsh Government might approach any future procurement to best target resources and reach the NGA White locations.

Emails were sent out to 141 telecommunications providers, to all 22 Local Authorities and to 18 industry organisations, informing them that the Public Consultation was taking place, between the 12/11/19 and 15/11/19. Further communications with several suppliers and Local Authorities took place during the Public Consultation period itself.

The Public Consultation was also announced on the main Welsh Government website (<http://www.gov.wales>) and the Deputy Minister launched the consultation in the Senedd during plenary on the 12/11/19.

In addition, regional press releases were issued the same day, targeting areas which are known to have lower superfast broadband coverage than others, e.g. Pembrokeshire, Ceredigion, Carmarthenshire, Powys and Monmouthshire.

The Public Consultation website link was also shared on Welsh Government social media channels and information on the consultation was also shared with members of the public through Welsh Government broadband enquiry channels and Superfast Business Wales advisors were given information to share with local businesses.

In total, the Welsh Government received 36 responses during the Public Consultation, of which five were telecommunications providers, four Local Authorities, four industry organisations and 22 members of the public. All the information was collated and analysed by Welsh Government.

### **Website Location**

<https://gov.wales/next-generation-access-broadband-2019>

## **Responses - Overview**

Please note: all OMR responses received by the Welsh Government are subject to business confidentiality clauses and therefore will not be published in full.

Where submissions have been accepted to refine the Intervention Area, premises / postcodes have been matched with the Address dataset and de-duplicated with other submissions which provide the same information (i.e. where information has been provided by a local authority of premises which are covered by a telecommunications provider who has also submitted those premises). This helps provide an accurate indication of the current coverage within Wales.

## **Responses- Telecommunications providers**

In total the Welsh Government received twelve (12) OMR RFI and five OMR Public Consultation submissions from telecommunications providers which were evaluated as part of the OMR process.

The details of the responses from these telecommunications suppliers are outlined below, along with a high-level view of how their OMR data has been treated by the Welsh Government. Where submissions were received for both the RFI and Public Consultation, these have been summarised to include the overall outcome of both responses received.

### **Organisation:** Airband

#### **OMR RFI submission received:** 30/08/19

**Further Correspondence during RFI stage:** An email request was sent to Airband on the 02/09/19 asking it for further clarification on its network coverage as the premises submitted did not appear to match the technology solution provided. No further information has been received from Airband. As a result, data was used from the Welsh Government's former grant agreement with Airband to indicate postcodes served and determine the Intervention Area.

#### **Public Consultation submission received:** 12/12/19

**Results:** Test and Verification data from Airband's Welsh Government funded grant agreement was used to confirm Airband's coverage. This approach was also previously adopted on the 2017 OMR and Public Consultation process.

**Conclusion:** Postcodes within Airband's network coverage which had passed the Welsh Government's Test and Verification process have been incorporated and classified as Grey/Black(as a previously State Aid funded network).



Notification of our conclusion was sent via e-mail to Airband on the 24/06/20.

**Organisation:** Bogons Ltd

**OMR RFI submission received:** 20/08/19

**Public Consultation submission received:** None

**Further Correspondence during Public Consultation**

**stage:** Email requests were sent to Bogons on the 27/08/19, 28/08/19 and 03/09/2019 requesting additional technical information on its network to support its coverage claim, and for the details on its network coverage in North Wales. However, no further information was received from Bogons.

**Results:** The dimensioning of Bogons' network was not detailed sufficiently either to prove the capabilities of the current deployment, or to show how network growth could be accommodated while maintaining the specified service levels to all end-users. No details were provided on the actual radio technology, network design or topology used in the fixed wireless access network. It also did not detail how the core, access and backhaul networks had been designed to deliver superfast broadband services for the number of premises served.

**Conclusion:** The submission was discounted and not incorporated within the final mapping.

Notification of our conclusion was sent via e-mail to Bogons on the 31/10/19.

**Organisation:** Broadway Partners

**OMR RFI submission received:** 20/08/19

**Further Correspondence during RFI stage:** An email request was sent to Broadway Partners on the 27/09/19 and 02/09/19 asking it for further clarification on its network coverage, as the premises submitted didn't appear to match its technology solution. Further information was received from Broadway Partners on the 06/09/2019.

**Public Consultation submission received:** 12/12/19

**Results:** Broadway Partners provided evidence that its county-wide Gigabit core network expansion project in Monmouthshire was technically and commercially viable, and that the approach was currently being assessed by Monmouthshire Council. Whilst within the RFI submission evidence was provided to support the Monmouthshire coverage claim, including providing 30Mbps access to premises and meeting BDUK NGA technology guidelines, the supporting documentation was not sufficient to support Broadway's coverage submission, or to explain how the level

of network growth could be accommodated while maintaining 30Mbps NGA speeds to all end-users.

However, the re-submission provided by Broadway Partners during the Public Consultation included sufficient evidence to support the Monmouthshire coverage claim of the current and planned premises to be covered in the next 3 years using 10Gps EAD Fibre Network.

**Conclusion:** All the currently connected premises submitted within the Public Consultation submission equivalent to 15% of the submission were incorporated within the mapping and removed from the Intervention Area. The planned premises equivalent to 85% of the submission have been designated as Under Review pending the result of the assessment by Monmouthshire Council.

Notification of our conclusion was sent via e-mail to Broadway Partners on the 24/06/20.

**Organisation:** CityFibre

**OMR RFI submission received:** 14/08/19

**Public Consultation submission received:** None

**Further Correspondence:** No further correspondence.

**Results:** CityFibre confirmed its network only provides ultrafast grade wholesale services to businesses/resellers. Within its OMR submission it confirmed it does not currently provide its fibre technology directly to any end-users in Wales. It was noted that CityFibre does provide Fibre-to-the-Home (FTTH) products throughout the UK via its (Internet Service Provider) ISP partner Vodafone. However, CityFibre stated it does not currently have any plans to invest in Wales.

**Conclusion:** The submission was discounted and not incorporated within the final mapping.

Notification of our conclusion was sent via e-mail to CityFibre on the 31/10/19.

**Organisation:** ComWales

**OMR RFI submission received:** 20/08/19

**Further Correspondence during RFI stage:** An email request was sent to ComWales on the 20/08/19 and 27/08/19, requesting additional information missing from its OMR submission and clarification on the premises being claimed by its technology solution. This information was supplied by ComWales on the 20/08/19 and 27/08/19.

**Public Consultation submission received:** None

**Results:** ComWales is currently a retail reseller of broadband services only. The premises claimed to have NGA broadband within its OMR submission are currently provided via Openreach's network (and products) Therefore, these premises have already been claimed under Openreach's own OMR response.

**Conclusion:** The submission was discounted and not incorporated within the final mapping.

Notification of our conclusion was sent via e-mail to ComWales on the 31/10/19.

**Organisation:** Fibrespeed

**OMR RFI submission received:** 12/08/19

**Further Correspondence during RFI stage:** No further correspondence.

**Public Consultation submission received:** None

**Results:** FibreSpeed only provided details of its Point of Presence (PoP) locations across North Wales, rather than any details on the number of premises which its technology covered. While it confirmed it does provide ultrafast grade wholesale services to businesses/resellers, it did not specify which telecommunications providers in North Wales use its network to deliver NGA services to end-users. The coverage area of FibreSpeed's network was therefore included within the potential Intervention Area.

**Conclusion:** The submission was discounted and not incorporated within the final mapping.

Notification of our conclusion was sent via e-mail to Fibrespeed on the 31/10/19.

**Organisation:** Gigaclear

**OMR RFI submission received:** 20/08/19

**Further Correspondence during RFI stage:** No further correspondence

**Public Consultation submission received:** None

**Results:** Although Gigaclear's network used a compliant NGA technology, it currently provides NGA services to several premises within Wales. Gigaclear also had no future plans to expand this network across Wales.

**Conclusion:** Gigaclear provided sufficient evidence of providing NGA broadband services to the premises identified within its coverage and that its network met the NGA technology guidelines. As such, all matched UPRNs have

been incorporated into the mapping and classed as Grey or Black

Notification of our conclusion was sent via e-mail to Gigaclear on 31/10/19.

**Organisation:** ITS Technology

**OMR RFI submission received:** 14/08/19

**Further Correspondence during RFI stage:** An email request was sent to ITS Technology on the 15/08/19 requesting additional information missing from its OMR submission. This information was supplied by ITS Technology on the 16/08/19 and 03/09/19.

**Public Consultation submission received:** None

**Results:** ITS Technology provided sufficient evidence within its OMR submission that its network infrastructure has the capability to deliver broadband access speeds 30Mbps or greater and meets BDUK NGA technology guidelines.

**Conclusion:** All of ITS Technology's submission has been classified as Grey or Black and removed from the Intervention Area.

Notification of our conclusion was sent via e-mail to ITS Technology on the 31/10/19.

**Organisation:** Michaelston y Fedw

**OMR Public Consultation submission received:** 14/11/19

**Further Correspondence during Public Consultation stage:** An email request was sent to Michaelston y Fedw on the 27/11/19 and 09/12/19 requesting additional information missing from its Public Consultation submission. This information was supplied by Michaelston y Fedw on the 28/11/19 and 10/12/19.

**Results:** Michaelston y Fedw provided sufficient evidence within its Public Consultation submission that its network infrastructure has the capability to deliver gigabit services to all connected premises, with an additional premises planned within the next 3 years.

**Conclusion:** 91% of matched UPRNs have been classed as Grey or Black and removed from the Intervention Area. The additional planned premises accounting to 9% of the submission are included as Under Review.

Notification of our conclusion was sent via e-mail to Michaelston y Fedw on the 24/06/20.

**Organisation:** Openreach

**OMR RFI submission received:** 20/08/19

**Further Correspondence during RFI stage:** An email was sent to Openreach on 28/08/19 requesting further information on its Gigabit capable services. Revised information was received from Openreach on 06/09/19, which contained information on its future plans. The Welsh Government was therefore able to identify the premises concerned as being Under Review.

**OMR Public consultation submission received:** 12/12/19

**Further Correspondence during Public Consultation stage:** Updated versions of their dataset was accepted on the 16/12/19 and 21/02/20 following several queries relating to their information during Welsh Government analysis.

**Results:** Although the submission did not include all the supporting evidence requested, Openreach is considered to be a recognised telecommunications provider from previous OMRs, and its fibre-to-the-cabinet (FTTC) and fibre-to-the-premises (FTTP) infrastructure is known to be capable nationwide of delivering NGA services and products.

**Conclusion:** The matched UPRNs where NGA services were available was incorporated within the mapping and these premises were removed from the Intervention Area, equivalent to 95.3% of the submission. The matched premises indicated by Openreach as being part of its ongoing network deployment have been identified as Under Review. Those also included in the potential extension of the Welsh Government funded NGA Broadband scheme have also been highlighted as Under Review premises. Premises have also been included as Under Review where clarification is required of the coverage status of the premises. These total to 4.7% of the submission.

These Under Review premises have been excluded from the NGA Intervention Area. However, they will be subject to continued monitoring, verification, and assurance by the Welsh Government of Openreach's build plan. If the network deployment changes significantly, then these premises may be mapped as NGA White and form part of a proposed future Intervention Area and procurement by the Welsh Government. Where plans have already been approved by Welsh Government, the Under Review premises will be classified as Grey or Black premises.

Notification of our conclusion was sent via e-mail to Openreach on the 24/06/20.

**Organisation:** Rural Technologies

**OMR RFI submission received:** 23/08/19

**Further Correspondence during RFI stage:** An email request was sent to Rural Technologies on the 27/08/19, 29/08/19 and 02/09/2019 requesting additional technical information on its network to support its coverage claim and requesting missing information from the OMR submission.

**Results:** Rural Technologies provided limited information to support its OMR submission including information on its network and details of its NGA technology standards and network design.

**Conclusion:** The submission was discounted and not incorporated within the final mapping.

Notification of our conclusion was sent via e-mail to Rural Technologies on the 31/10/19.

**Organisation:** Secure Web Services (SWS)

**OMR RFI submission received:** 30/08/19

**Further Correspondence during RFI stage:** No further correspondence

**OMR Public Consultation submission received:** 18/11/19

**Further correspondence during Public Consultation stage:** An email request was sent to SWS on the 11/12/19 and 12/12/19 requesting the missing information from the OMR submission.

**Results:** Secure Web Services initially provided limited information to support its OMR RFI submission including details on its NGA technology standards and overall network design and dimensioning. However, significant pertinent information was provided during the Public Consultation.

**Conclusion:** As a result of the information provided during the Public Consultation, all UPRNs identified are removed from the Intervention Area and classed as Grey or Black.

Notification of our conclusion was sent via e-mail to Secure Web Services on the 24/06/20.

**Organisation:** Virgin Media

**Received:** 20/08/19

**Further Correspondence during RFI stage:** No further correspondence

**OMR Public Consultation submission received:** None

**Results:** Virgin Media has provided sufficient evidence of providing NGA services across Wales and is considered a recognised telecommunications provider from previous OMRs.

**Conclusion:** The list of postcodes where NGA services were available was incorporated within the dataset and these postcodes removed from the Intervention Area. This was equivalent to 97% of the submission. Those postcodes indicated by Virgin Media as being part of its 2019 build plan have been identified as 'Under Review'. This was equivalent to 3% of the submission. These 'Under Review' premises have been excluded from the NGA Intervention Area however they will be subject to continued monitoring, verification, and assurance by the Welsh Government of Virgin Media's build plan. If the build plan deployment changes significantly then these premises may be mapped as NGA White and form part of a proposed future Intervention Area and procurement by the Welsh Government.

Notification of our conclusion was sent via e-mail to Virgin Media on the 31/10/19.

**Responses -  
Local  
Authorities**

All 22 Local Authorities were consulted during the OMR Public Consultation and responses were received from the following Authorities:

- Merthyr Tydfil County Borough Council;
- Powys County Council;
- Ceredigion County Council;
- North Wales (inclusive of Conwy County Borough; Council, Denbighshire County Council, Flintshire County Hall, Gwynedd Council, Isle of Anglesey County Council and Wrexham County Borough Council);
- Carmarthenshire County Council;
- Monmouthshire County Council; and,
- Pembrokeshire County Council.

No correspondence was received from the remaining ten local authorities within Wales.

Merthyr Tydfil County Borough Council and Powys County Council responded, but both stated that they are not involved with or aware of any current/planned investment in NGA or Gigabit broadband within the next three years.

Ceredigion County Council responded to the Public Consultation on the 05/12/19 stating that they have many aspirations to improve the digital infrastructure across the county but are not able to provide any further information at this time.

The details of the responses from the remaining Local Authorities are outlined below, along with a high-level view of

how their OMR data has been treated by the Welsh Government.

**Local Authority:** North Wales (inclusive of Conwy County Borough Council, Denbighshire County Council, Flintshire County Hall, Gwynedd Council, Isle of Anglesey County Council and Wrexham County Borough Council).

**Public Consultation submission received:** 12/12/19

**Results:** The North Wales submission provided information of the premises covered by the North Wales Local Full Fibre Network which will be served by Openreach Ltd. Further to these an additional four postcodes were provided which are served by PSBA WAN.

**Conclusion:** All the current premises and planned premises served by LFFN as part of the North Wales LFFN project are classed as Grey or Black premises. The postcodes currently served by PSBA were also classed as Grey or Black premises.

**Local Authority:** Carmarthenshire County Council

**Public Consultation submission received:** 11/12/19

**Results:** Several schemes are under development within the county to improve digital connectivity, however, are not at a stage to confirm postcode or premises level intervention.

**Conclusion:** No further action was taken.

**Local Authority:** Monmouthshire County Council

**Public Consultation submission received:** 11/12/19

**Results:** Monmouthshire currently have two schemes in place which have been awarded to Broadway Partners Ltd to undertake. These are fully funded as part of the Rural Communities development fund and are planned to be completed by March 2020.

**Conclusion:** All premises have been classified as Grey or Black premises.

**Local Authority:** Pembrokeshire County Council

**Public Consultation submission received:** 12/12/19

**Results:** Pembrokeshire have a current scheme underway to provide LFFN to premises within the county to be delivered by



Openreach. Pembrokeshire has also created a broadband engagement team to support businesses and residents with improving their broadband connectivity. There are also several projects underway to help develop the connectivity within Pembrokeshire.

**Conclusion:** All premises were classed as Grey or Black.

**Responses -  
Industry  
Organisations**

**Industry Organisation:** Menter Mon

**Public Consultation submission received:** 28/11/19

**Results:** Mentor Mon provided information of current project developments within Gwynedd and Anglesey, however due to the current stages of the projects no premises or postcodes were provided.

**Conclusion:** No information was able to be used to refine the Intervention Area and therefore no further action was taken.

**Industry Organisation:** Think Broadband

**Public Consultation submission received:** 27/11/19

**Results:** Think Broadband stated that they did not currently have the resources to verify the Intervention Area.

**Conclusion:** No further action was taken.

**Responses –  
Governing  
Bodies**

**Organisation:** BDUK

**OMR submission received:** 17/02/20

**Results:** Premises provided using addresses which have been connected to a fibre network using the available funding from BDUK.

**Conclusion:** 75% of the matched UPRNs were classed as Grey or Black premises and 25% classed as Under Review.

**Organisation:** Welsh Government

**OMR submission received:** Not applicable

**Results:** Premises identified which have the potential to be included in a Welsh Government funded scheme.

**Conclusion:** All premises classed as Under Review.

## **Responses – Residents and businesses**

A total of 22 residents and businesses within Wales responded to the Public Consultation. This included email responses and those who responded using the online survey form.

Seven of these responses were emails identifying premises which were not mapped and/or were incorrectly mapped as Grey or Black premises. The remaining 16 responses were completed using the online survey form.

These responses were analysed by Welsh Government and were resolved by one or more of the following outcomes:

- Where premises were not highlighted on the mapping or did not have a UPRN, these were queried with a new address base premium dataset (epoch 73). Caching issues of the online mapping system (Lle) mapping system were also resolved and a filtered category implemented to reflect premises not likely to represent an eligible end-point for NGA broadband. Remaining issues where appropriate were highlighted to Ordnance Survey;
- Where the NGA coverage status was considered to be incorrect, these were analysed using the information provided by telecommunications providers within this OMR and corrected if required.

From the public responses, 344 premises are now classified as Under Review, 30 premises classified as White and 3 premises are classified as a Grey.

## **Additional Responses**

The OMR received the following additional correspondence with the following stakeholders:

**Organisation:** 1a Aerials

**Received:** 04/08/19

**Correspondence:** Email clarifying it is not a direct-supplier of broadband services across Wales.

**Result:** No further action was taken.

**Organisation:** Aspects Business Communications

**Received:** 15/08/19

**Correspondence:** Confirmed it is a broadband reseller for Internet Service Providers (ISPs) only.

**Result:** No further action was taken.

**Organisation:** Astrix Integrated Systems

**Received:** 14/08/19

**Correspondence:** Confirmed it is no longer involved in the supply of broadband services

**Result:** No further action was taken.

**Organisation:** Bentley Walker

**Received:** 23/08/19

**Correspondence:** Email clarifying it currently only provides satellite broadband services. However, this is not capable of meeting the NGA technical criteria of 30Mbps or greater.

**Result:** No further action was taken.

**Organisation:** Cerberus Networks Ltd

**Received:** 23/08/19

**Correspondence:** Confirmed it is a broadband reseller for ISPs only delivering FTTPoD /FoD products via Openreach's network.

**Result:** No further action was taken.

**Organisation:** Line Broker

**Received:** 15/08/19

**Correspondence:** Confirmed that the OMR was not something that Line Broker would be responding to.

**Result:** No further action was taken.

**Organisation:** SEACOM

**Received:** 15/08/19

**Correspondence:** Confirmed it does not have any connectivity in Wales

**Result:** No further action was taken.

**Organisation:** Sky UK Ltd

**Received:** 14/08/19

**Correspondence:** Confirmed Sky currently provides its broadband services across Wales exclusively via Openreach

**Result:** No further action was taken.

## **Conclusion**

By using an Ordnance Survey Address Base Premium (epoch 73) for Wales as a base data set, the OMR data submitted by the telecommunications suppliers, local authorities, industry organisations and members of the public was used to generate the White NGA premises list and maps using the NGA White, Grey, Black and Under Review criteria. Filtered premises were also included within the mapping to indicate premises that are unlikely to represent end-points eligible for Next Generation Access service.

Within the OMR analysis and mapping the following premises and/or postcode level data was removed from the Intervention Area (White NGA areas) as these areas were already served by NGA services (or were planned to be served within the next three years).

This resulted in an Intervention Area that consists of 15,256 White postcodes, equating to 79,023 White premises. This list is therefore defined as the 'OMR 19 White Intervention Area'.

Consultation Status	Premises count following OMR		Total
		Sub total	
Black postcode	372,257	372,475	1,651,236
Black premises	218		
Grey postcode	25,026	1,110,331	
Grey premises	1,085,305		
White premises	79,023	79,023	
Under Review postcode	69	76,674	
Under Review premises	76,605		
Filtered premises	12,733	12,733	

The mapped Intervention Area produced within this OMR is visible using the Welsh Government's online portal, (*link will be provided in an updated version of this document in due course*).

Postcode and Local Authority level data has been published on the [Welsh Government consultation website](#) with this summary report of the findings.

Further to this, premises level data has been uploaded to the Welsh Government's shared platform so Local Authorities, telecommunications providers and other interested organisations can independently analyse, map and use the information to inform their future activities within Wales.

Members of the PSMA (Public Sector Mapping Agreement) will also have access to the associated latitude and longitude data to plot this data on a map.