

## Appendices:

### Appendix A: Current internet connectivity position in Denbighshire

Based on Ofcom figures (which are appropriate to use for planning purposes on this topic), Denbighshire has the following numbers of premises (where a premise equates to an address, i.e. could be a business address, or where one building might contain multiple flats, each of which is a premise).

Total number of premises	50,501
Number of Premises with less than 30mbs	2,690 (previous 3,362)
Number of Premises with less than 10mbs	1145 (1,485)
Number of premises with less than 5mbs	665 (841)
Number of premises with less than 2mbs	255 (328)

### Fibre To The Premise (FTTP) Coverage Comparison:

(Openreach figures February 2024)

**UK 63.43%**

**Wales 61.85%**

**Denbighshire 73.19%**

## **Appendix B: Further Detail Regarding the Options and Complexities around Improving Connectivity in Denbighshire**

### **1. DCC's Limited Ability to Influence Openreach Work**

1.1. The UK Government classes telephony as an Open Market. This means it is not Openreach's sole responsibility to connect every premise. There are dozens of telephony/internet providers in the UK, whom, have the same opportunity to connect Denbighshire's premises. They choose not to do so, because of the expense.

### **2. Gigabit Voucher Grant**

2.1. The UK Government provides a grant called 'Gigabit Vouchers', which offers funding for fibre-based internet installations. This grant gives eligible premises up to £4,500 towards the cost of having fibre installed.

2.2. By forming groups of eligible properties and pooling said money, it is sometimes possible to cover the quote provided by Openreach to install fibre via their Fibre Communities Programme.

2.3. This process takes approximately two years; Six months to form the group, gather data and apply, Openreach then quotes an 18-month lead time for completion after signing the contract.

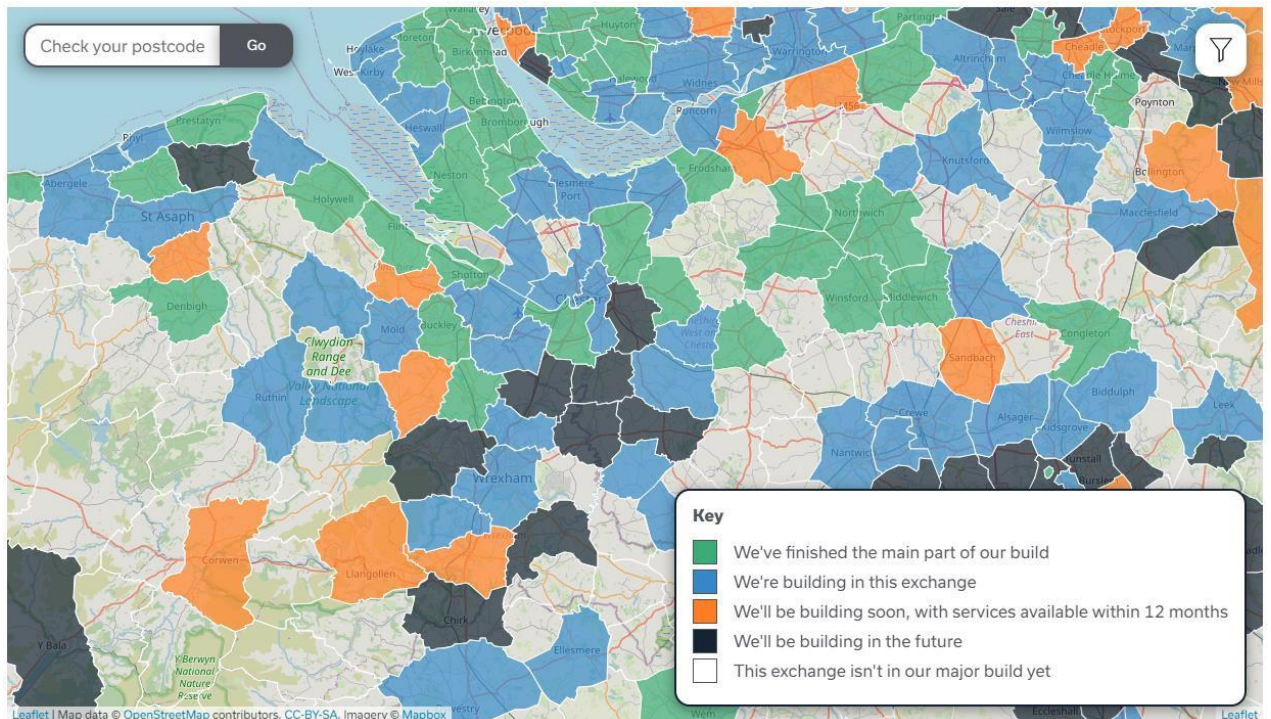
2.4. Properties eligible for the Gigabit Vouchers are ones that receive less than 100mbps and are not in a current upgrade scheme or have not been classed as 'under-review' for an upgraded by Openreach.

2.5. UK Government has paused the 'Gigabit Voucher' scheme in Wales, until it finalises the 'Gigabit Project' roll-out plan.

2.6. The Welsh Government no longer contributes towards the Gigabit Vouchers.

### 3. Planned Upgrades in Denbighshire

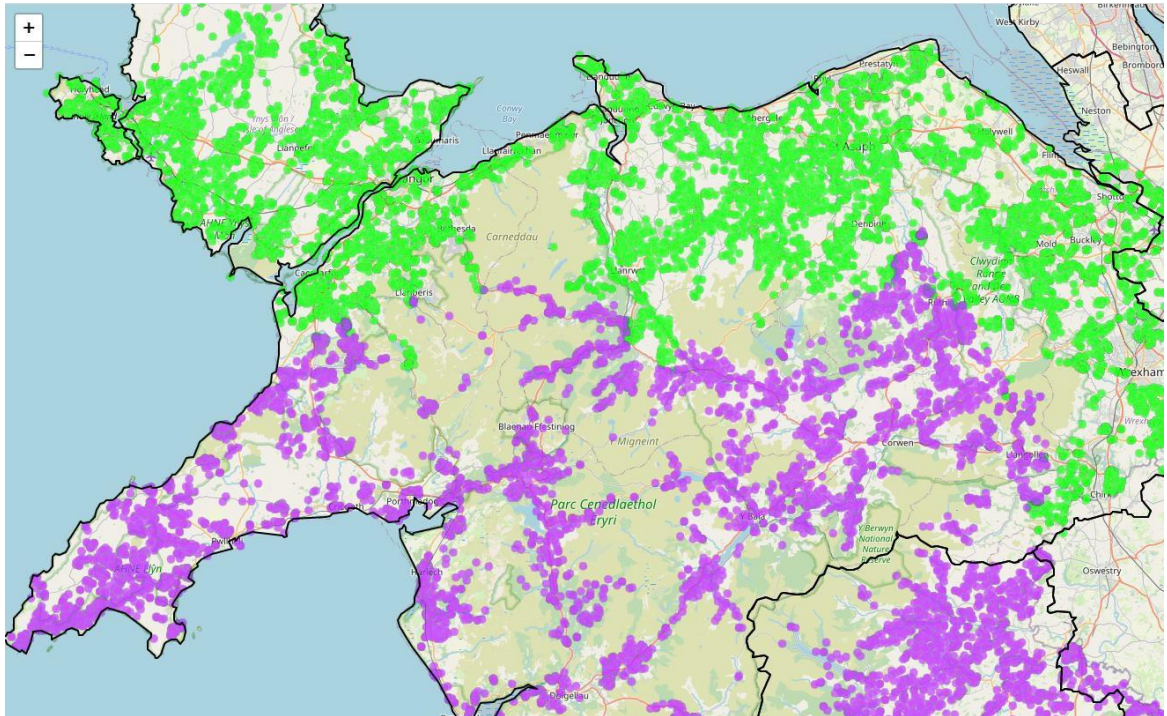
3.1. Openreach have released a map showing which exchanges are they are working on between now and December 2026. Openreach promise to upgrade a minimum of 75% of the premises in each exchange upgrade area. Openreach will not allow us to form Fibre Community Partnerships in these areas.



<https://www.openreach.com/fibre-broadband/where-when-building-ultrafast-full-fibre-broadband>

3.2 The UK Government submitted 5000 Denbighshire properties for tender to have fibre installed under their scheme 'Project Gigabit'. However, over 500 were caravans and therefore ineligible and 800 premises have been dropped from the tender for unknown reasons. None of the remaining premises are guaranteed to be installed.

**3.3** Project Gigabit has divided Wales into four lots. Lot 3 (purple) and Lot 4 (green) encompass Denbighshire. We know two or more providers have submitted quotes for parts of Lot 4. It is unknown for how many or which premises.



**3.4** The North Wales Economic Ambition Board has cancelled its 'The Last few %' project. This £4 million scheme would have aimed at the Very Hard to Reach premises in Conwy, Denbighshire, Flintshire, Gwynedd, Isle of Anglesey and Wrexham

## **4 Alternative Technologies**

**4.1** As an interim solution for poorly connected areas, there is grant funding for the purchase and installation of 4g routers with external antennas.

**4.2** Fixed Wireless Broadband and Starlink: These technologies offer reasonable connectivity for most of Denbighshire but should not be considered as a long-term solution. The Welsh Government grant 'Access Broadband Cymru' offers funding to purchase the equipment and cover the cost of installation. Starlink is prohibitively expensive costing £75 per month.