Innovative approaches to public services in rural communities - Broadband

David Schofield

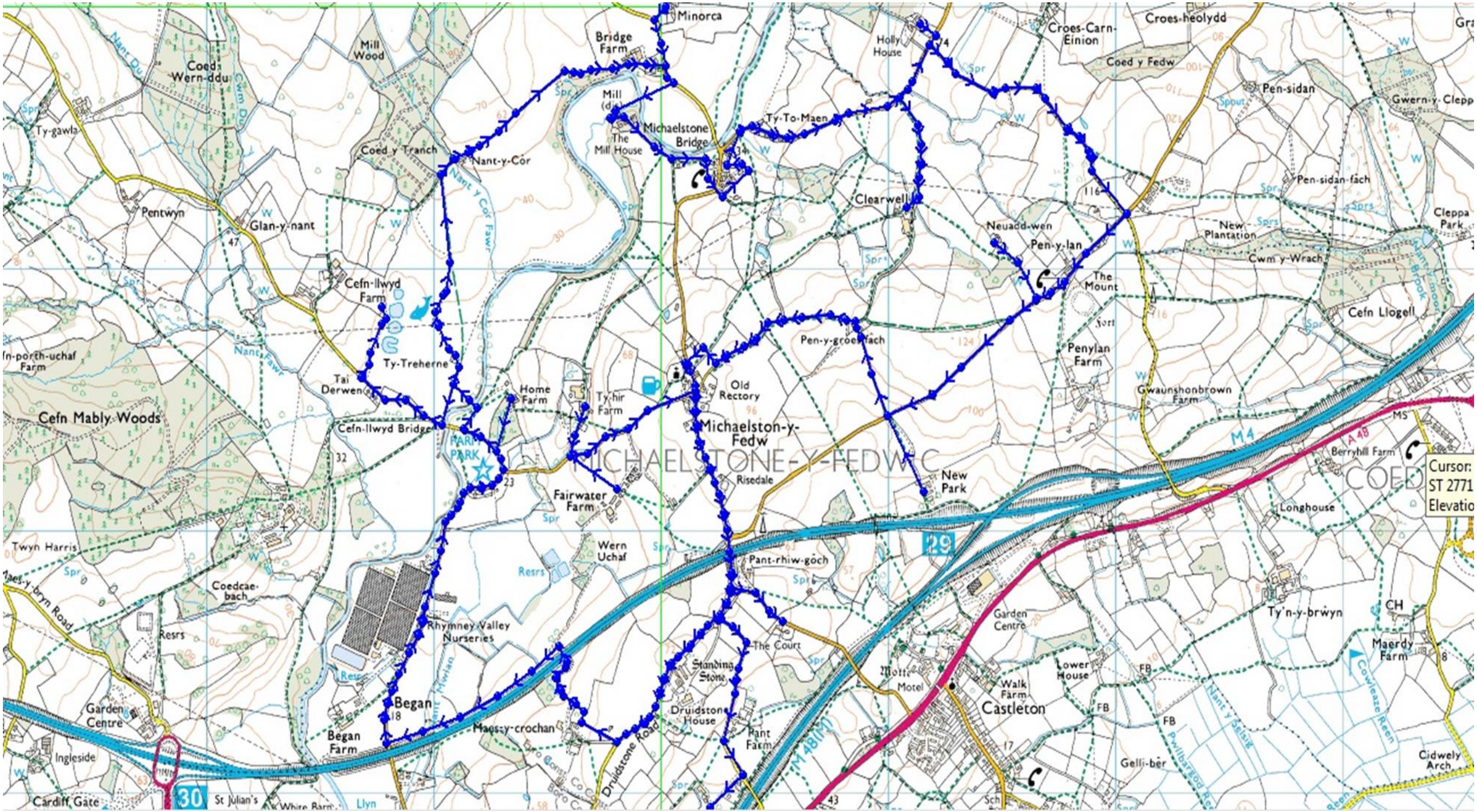
Who are we?

What do we do?

How did we achieve it?

Michaelston
y
Fedw
Internet
CIC

27th July 2017



Minorca
Bridge Farm
Mill Wood
Coed Wern-ddu
Ty-gawla
Mill (dis)
The Mill House
Michaelstone Bridge
Ty-To-Maen
Holly House
Croes-Carn-Einion
Croes-heolydd
Coed y Fedw
Pen-sidan
Gwern-y-Clepp
Coed y Tranch
Nant-y-Cor
Nant y Cor Fawr
Pentwyn
Glan-y-nant
Clearwell
Pen-sidan-fach
Cleppa Park
Neuadd-wen
Pen-y-lan
New Plantation
Cwm y-Wrach
The Mount
Cefn-llwyd Farm
Cefn Llogell
Pen-y-groes-fach
Penylan Farm
Ty-Treherne
Tai Derwen
Home Farm
Ty-hir Farm
Old Rectory
Gwaunshonbrown Farm
Cefn Mably Woods
Cefn-llwyd Bridge
FARM PARK
Michaelston-y-Fedw
MICHAELSTONE-Y-FEDW C
Risedale
New Park
Berryhill Farm
Cursor:
ST 2771
Elevatio
Fairwater Farm
Longhouse
Twyn Harris
Wern Uchaf
Pant-rhiw-goch
Coedcae-bach
Ty'n-y-brwyn
Garden Centre
Rhymney Valley Nurseries
The Court
Maerdy Farm
Standing Stone
Motte
Motel
Walk Farm
Lower House
Castleton
Garden Centre
Began
Druidstone House
Pant Farm
Began Farm
Maes-y-crochan
Druidstone Road
Ingleside
Gelli-ber
Cidwely Arch
Cardiff Gate
St Julian's
White Barn
Llyn
M 4
A 48
M 48(M)
29
30

18th October 2017

We are a Community Interest Company ‘CIC’

5 Unremunerated directors

59 shareholders

24 investors

Lots of volunteers!

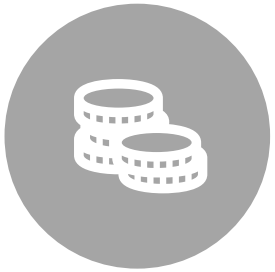
Michaelston y Fedw Internet CIC

Michaelston y Fedw Internet CIC

www.myfi.wales

Business Plan

FUNDING



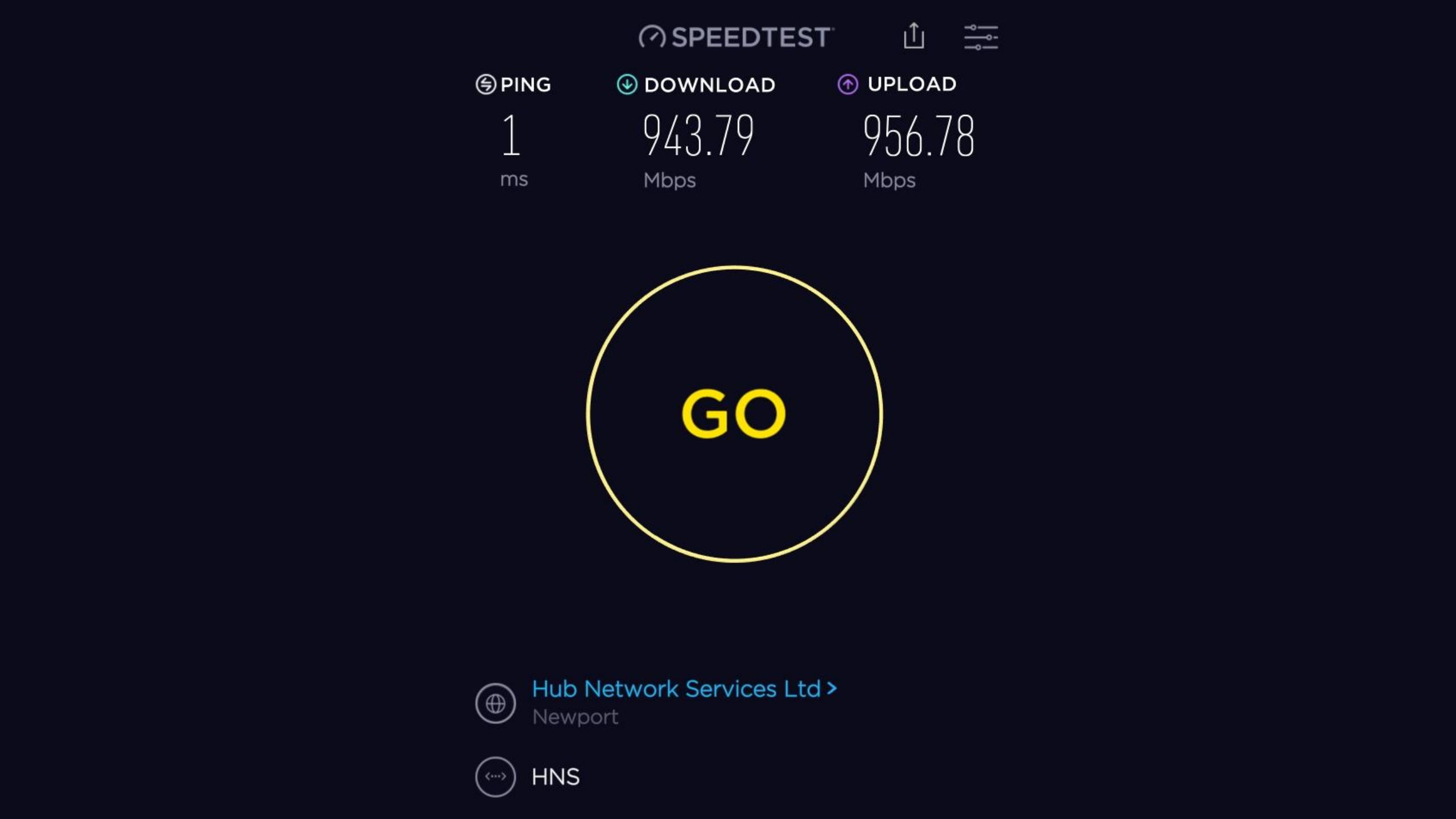
£150,000 RAISED FROM INVESTORS WITHIN THE COMMUNITY.

WE APPLIED FOR TAX RELIEF UNDER THE HMRC SEED ENTERPRISE INVESTMENT SCHEME ‘SEIS’

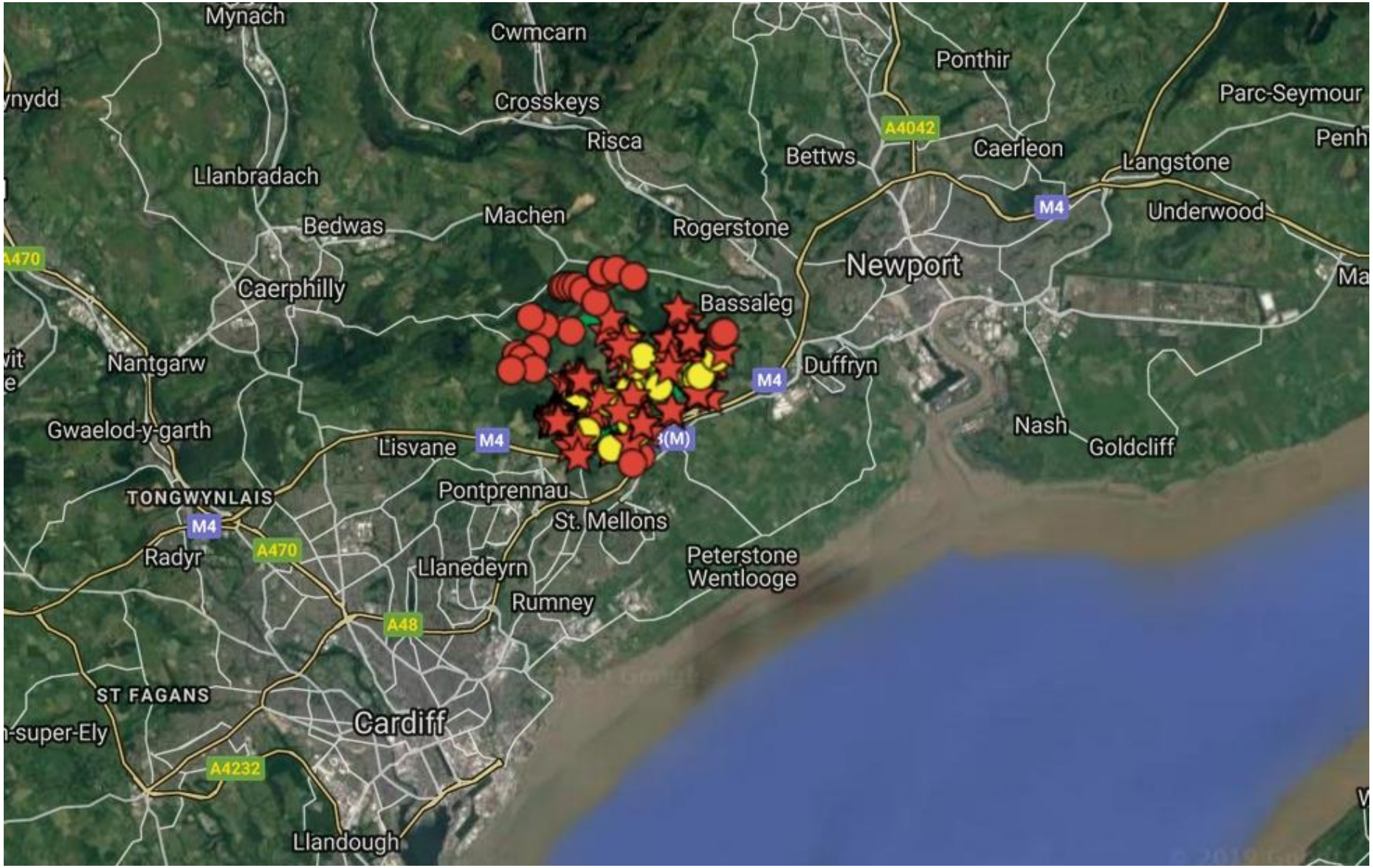
UTILISED MIXTURE OF WELSH GOVERNMENT ACCESS BROADBAND CYMRU ‘ABC’ AND ULTRAFAST CONNECTIVITY VOUCHER ‘UCV’ GRANTS

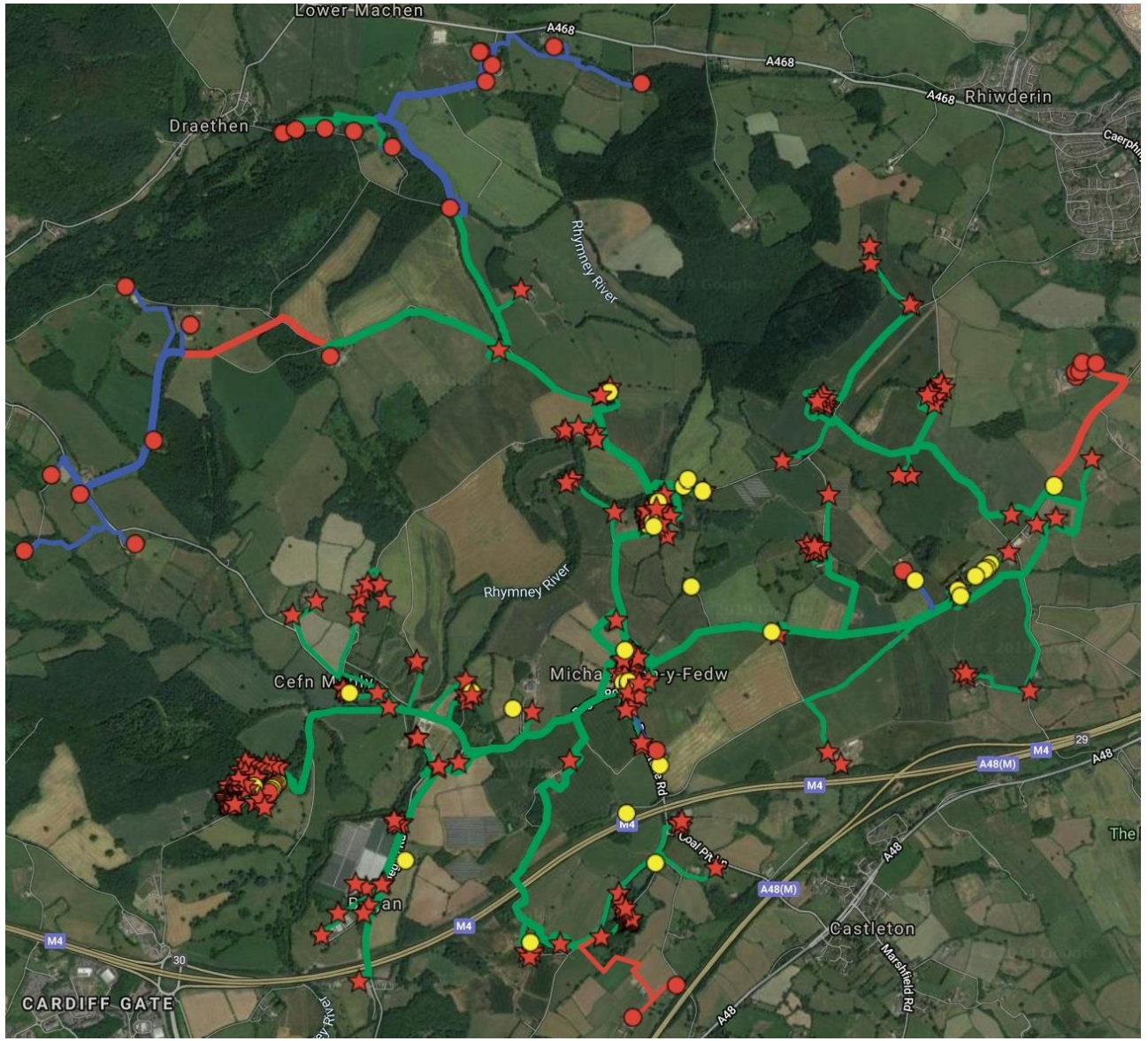
21st February 2018

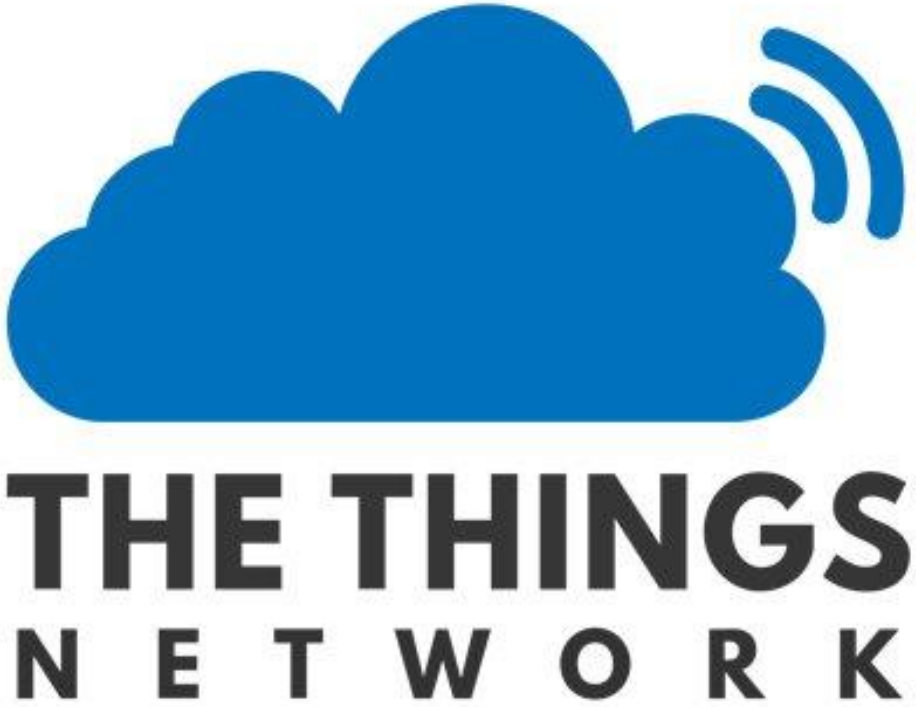
21st June 2018

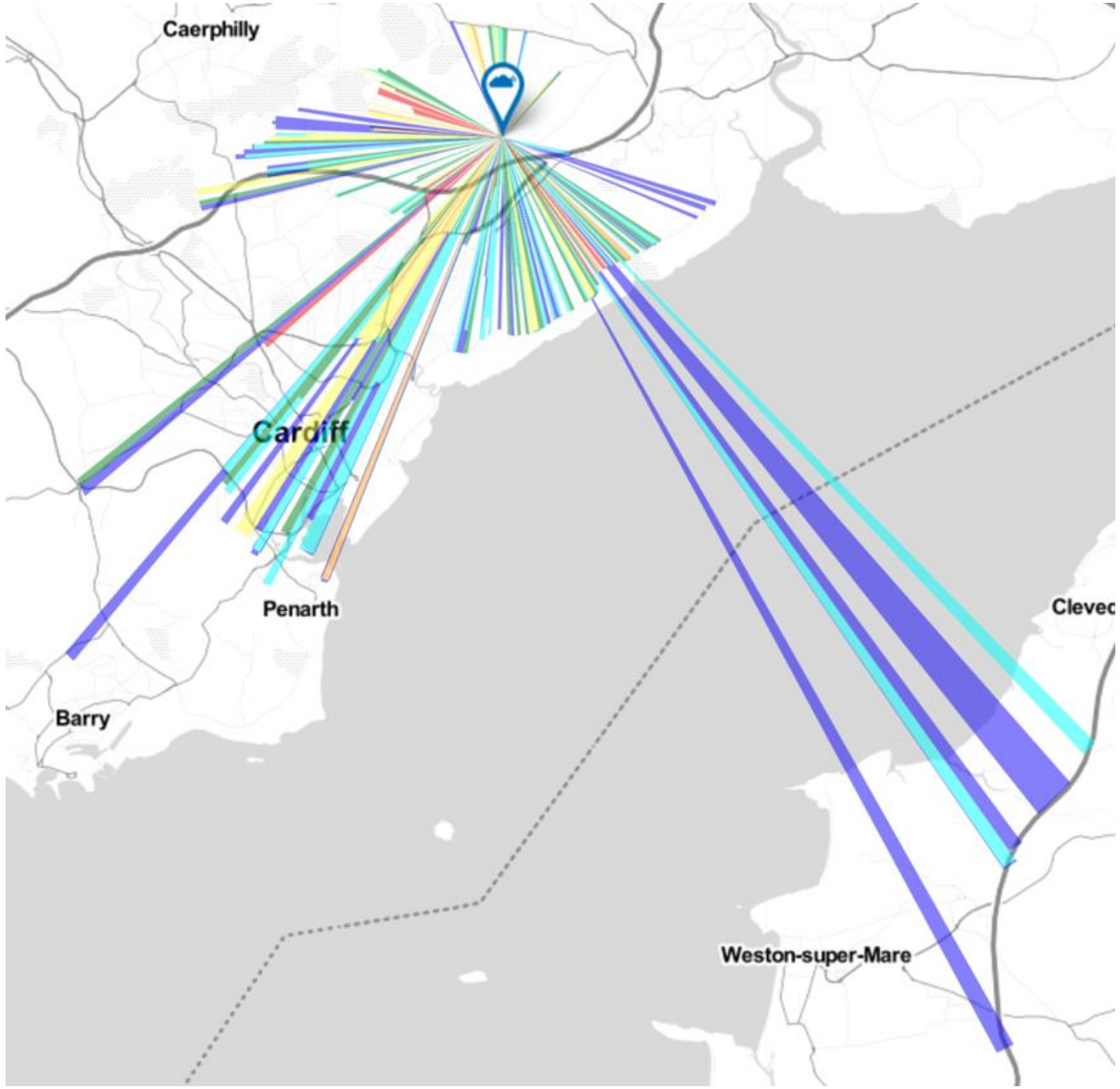

SPEEDTEST
PING
1
ms
DOWNLOAD
943.79
Mbps
UPLOAD
956.78
Mbps
GO
Hub Network Services Ltd >
Newport
HNS

21st June 2019


Mynach
Cwmcarn
Ponthir
Crosskeys
Parc-Seymour
A4042
Risca
Bettws
Caerleon
Penh
Langstone
Llanbradach
M4
Bedwas
Machen
Rogerstone
Underwood
Newport
A470
Caerphilly
Bassaleg
Nantgarw
Duffryn
M4
Gwaelod-y-garth
Nash
Lisvane
M4
Goldcliff
TONGWYNLAIS
Pontprennau
M4
St. Mellons
Radyr
A470
Peterstone
Wentlooge
Llanedeyrn
Rumney
A48
ST FAGANS
Cardiff
A4232
Llandough


Lower Machen
A468
A468
A468
Rhiwderin
Draethen
Rhymney River
Rhymney River
Cefn M
Micha
-y-Fedw
M4
A48(M)
A48
29
M4
M4
A48(M)
A48
Castleton
Marshfield Rd
M4
M4
30
CARDIFF GATE
A48


THE THINGS
NETWORK


Caerphilly
Cardiff
Penarth
Barry
Weston-super-Mare

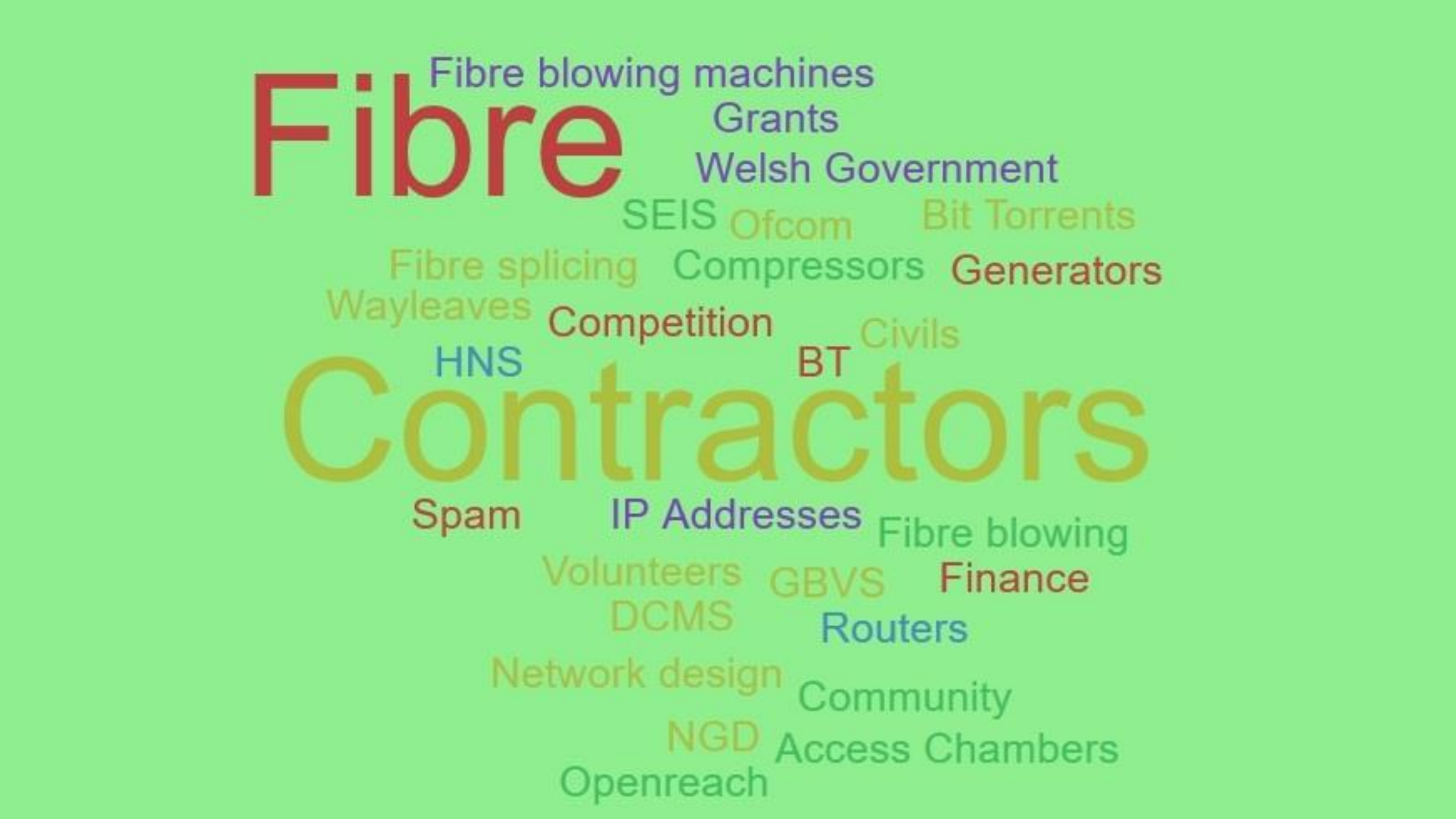
W700 DCS
Ginger Nuts
Ginger
MORE TO SHARE

CIDER
Lime
Vodka / Lemonade
COCA COLA
DIET COKE
T PEPSI
Cotton
TRADERS

JCB
8026 CTS

Key Facts

10Gb EAD from NGD in Newport
288 port core router
1000Mbps service for everyone
Nearly 40 Km’s of trenches
Over 200 customers
Enough fibre to get to Milan!
23 road crossings
4 river crossings
11 months from first idea to first connection
Typically 250 times faster download and 2500 times faster upload than previous connection.


Fibre
Fibre blowing machines
Grants
Welsh Government
SEIS
Ofcom
Bit Torrents
Fibre splicing
Compressors
Generators
Wayleaves
Competition
Civils
HNS
BT
Contractors
Spam
IP Addresses
Fibre blowing
Volunteers
GBVS
Finance
DCMS
Routers
Network design
Community
NGD
Access Chambers
Openreach