

Superfast Fibre Broadband rollout is on the way to Argyll and Bute

February 2015



Next Generation Broadband Rollout Objectives

- Scottish Government's target is for Scotland to be a world class digital nation by 2020
- National aim to deliver fibre broadband to 85% of premises by end of 2015 and 95% of premises by end of 2017.
 - Argyll and Bute coverage reaches 85% by end of 2017 (combination of H&I Project and SG)
- Across Scotland £410m of public and private investment by Scottish Government, BDUK, HIEBT
- Exploring opportunities to extend coverage – Innovation Fund, Community Broadband Scotland
- Range of assistance to ensure we maximise the opportunities that superfast broadband brings
- Current project is focussed on maximising coverage based on the available funding

H&I Programme Deployment update



Lighting up H&I

- 1.2K – with a further rollout to around 3K expected towards the summer of 2015.

- Access build starts Q4 – Stornoway announced and in build for Summer 2015.

- 1.1K premises – further rollout across the region in next 6 months.



- 4K homes – more to follow in 2nd half of 2015.

- 17.5K – although incl of commercial deployment more than 50% of the region deployed.

- 22.8K THP – continual growth and new exchanges being deployed.

Where are the backhaul routes.



Moleplough of 4 way direct in ground sub duct on Jura



- **10 Subsea** Cables in the Argyll & Bute area are as follows, 91km subsea

A end exchange name	B end exchange name	Total Sheath KM
Campbeltown	Shiskine	12.1
Jura	Port Askaig	28.1
Rothesay	Toward	6.8
Kilfinan	Lochgilphead	12
Kilchattan Bay	Millport	2.6
Glenbarr	Port Ellen	3.7
Jura	Ormsary	1.6
Craignure	Oban	9.3
Kilchoan	Tobermory	5.5
Dervaig	Scarinish	9.1

- **8 Land Based** cables in the Argyll & Bute area are as follows, 112km

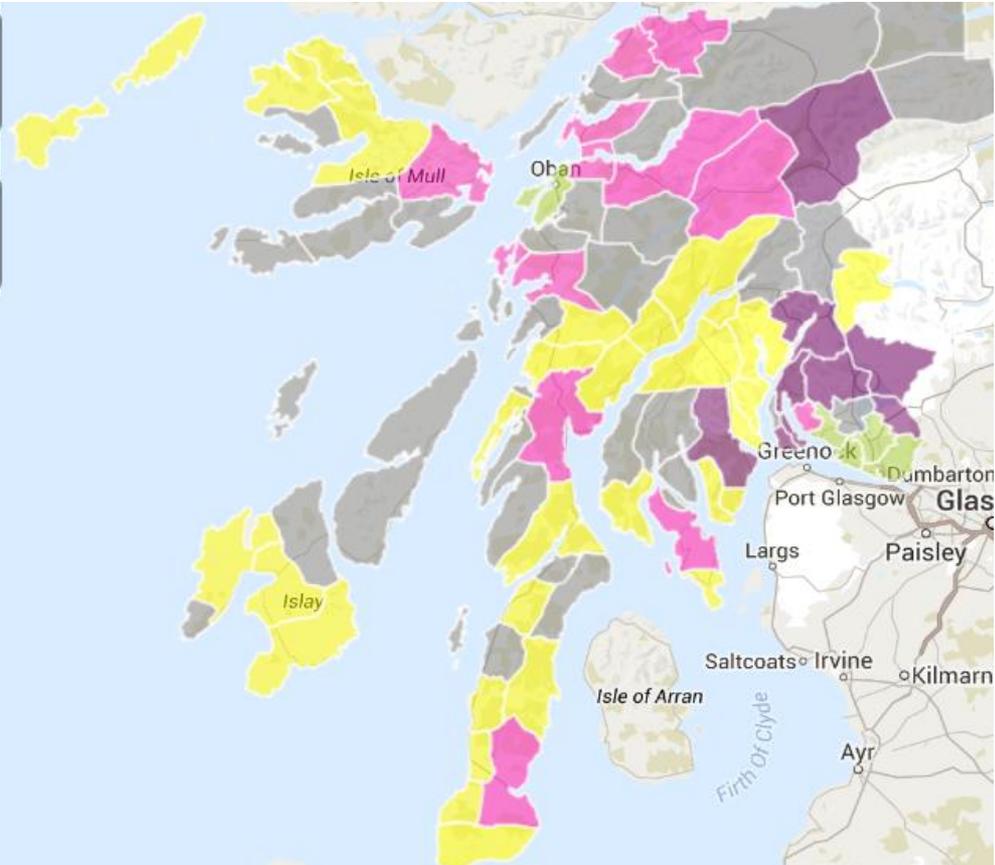
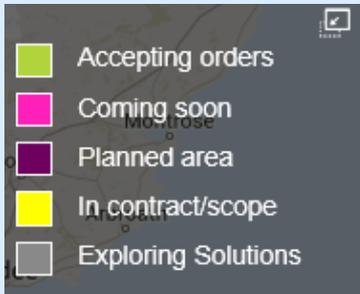
A end exchange name	B end exchange name	Total Sheath KM
Lochgilphead	Tarbert	22.3
Kilfinan	Tighnabrauaich	16.9
Glendaruel	Tighnabrauaich	15.99
Innellan	Toward	4.09
Clachan	Tayinloan	12.26
Bowmore	Port Askaig	13.72
Glenbarr	Tayinloan	9.52
Aros	Tobermory	17

Digital Scotland Website

NEW: interactive postcode/telephone line checker Map launched in November 2014 , allows more detailed clarity of exchange area rollout plans.

Enter landline number or postcode... **SEARCH**

Argyll and Bute



Argyll and Bute – what’s the current plan.

There are 77 Exchanges across the region serving circa 50K homes that form part of the H&I programme – current plans including BT’s commercial deployment would deliver circa 85% coverage across the region.

Exchanges Accepting Orders, with additional coverage expected within the Exchange area during 2015 and 2016

CARDROSS
HELENSBURGH
OBAN

The Following Exchange areas are now “Coming Soon” and anticipated to see a level of coverage by the summer of 2015

BALVICAR
CAMPBELTOWN
CONNEL
CRAIGNURE
DALMALLY
KILMELFORD
LEDAIG
LOCHGILPHEAD
RHU
ROTHESAY
TAYNUILT

The Following Exchange areas are planned and in scope for a level of coverage phased from the second half of 2015

APPIN	KILCHENZIE
ARDENTINNY	KILCREGGAN
AROS	KILFINAN
BARBRECK	KILMARTIN
BOWMORE	KILMORE
CAIRNDOW	KILMUN
CARRADALE	LOCHGOILHEAD
CLACHAN	LUSS
CLYNDER	MACHRAHANISH
COLINTRAIVE	MINARD
COLL	PORT CHARLOTTE
CRINAN	PORT ELLEN
DERVAIG	SCARINISH
DUNOON	SOUTHEND
FORD	STRACHUR
FURNACE	TARBERT
GARELOCHHEAD	TAYVALLICH
GLENBARR	TIGHNABRUAICH
INNELLAN	TOBERMORY
INVERARY	TOWARD

The Following Exchanges areas remain under evaluation but we are positively reviewing detailed plans to determine what coverage is possible, within existing budgets or with new funds..

ACHNAMARA	LOCHAVICH
BONAWE	LUING
COLONSAY	ORMSARY
FIONNPHORT	PENNYGHAEL
GIGHA	PORT ASKAIG
GLENDARUEL	PORTNAHAVEN
JURA	SKIPNESS
KILCHRENAN	TAYINLOAN
KILNINVER	TIORAN
KINLOCHSPELVE	ULVA FERRY
LISMORE	WHITEHOUSE

NB – Dunoon, Oban, & Helensburgh are predominantly delivered by BT commercial rollout, although not exclusive.

Argyll and Bute – .



Let's get on

High speed broadband
is coming to
Argyll and Bute!

Broadband in Argyll and Bute is changing

Work has already started across Argyll and Bute to bring high speed fibre optic broadband to the majority of homes and businesses by the end of 2017. It's a massive job involving the laying of hundreds of miles of fibre optic cabling to help bring better broadband closer to communities who couldn't have hoped to see superfast through the commercial market.

Digital Scotland and Highlands and Islands Enterprise are leading the multi-million pound partnership roll-out with BT. The first services are available to order in Helensburgh, Oban and Cardross, and work is starting ahead of schedule in areas including Campbeltown, Lochgilphead and Rothesay. It will take time, and we won't reach everyone, but as we get closer you can keep track of the roll-out on our online checker www.digitalscotland.org/whereandwhen

And it's not just about the new networks. We want to help you make the most of broadband - in business and at home. No matter what your current connection, Digital Scotland, HIE and Argyll and Bute Council's regular hands-on workshops and events can help you now.

Find out more: www.hie.co.uk/digital
Email us at: hidigital@hient.co.uk

 Highlands and Islands Enterprise
 @HIEdigital

Funded by:

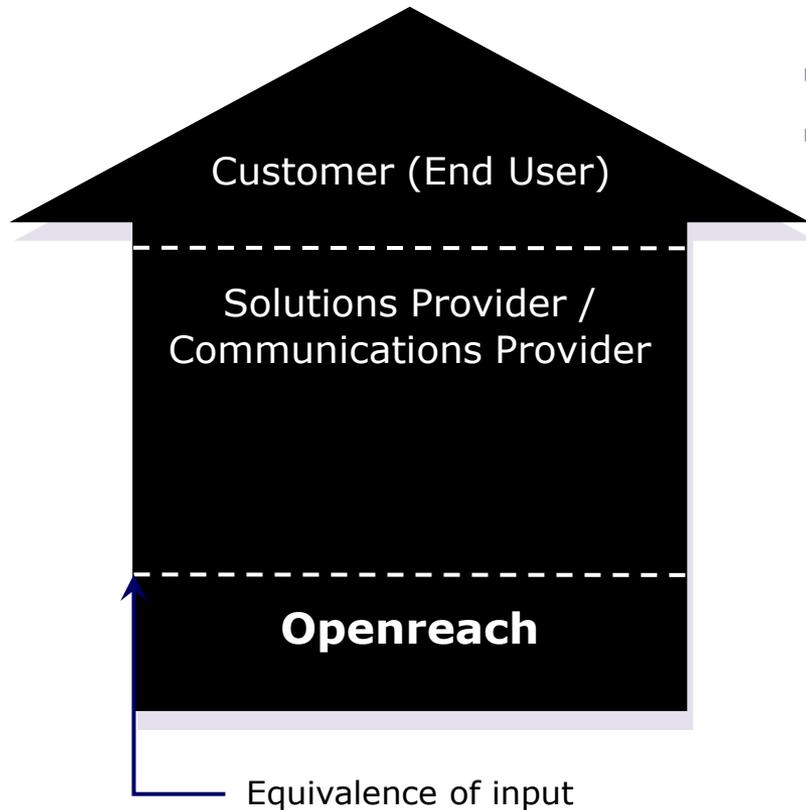


With support from the Local Authority – a co-ordinated comms cascade to every registered Household and Business across the region has been scoped for delivery from early March 15.



** - please note – our intention in any e...
businesses as is possible. The plans show

Open Access Network



The UK supply chain

- Growth in demands for speed and QoS
- We deliver Superfast Fibre Access capability to Communications Providers (CPs) at lowest practical economical point
 - Enable CP innovation & differentiation



Summary : How does rollout impact Argyll and Bute?

- ✓ Is expected to reach circa 85% coverage by the end of 2017.
- ✓ Significant rollout to the main population centres will be deployed commenced during 2015
- ✓ The majority of Exchange areas across the region will have access to fibre coverage during 2016 – due to the backhaul and subsea programmes.
- ✓ Rollout has already started in Helensburgh, Oban, and Cardross providing a level of fibre access.
- ✓ A Point of Presence (PoP) is already live in Oban with others planned across the region over the next 6 months which will bring access to Ethernet based services driving economic development & inward investment opportunities to a wide range of business customers.
- ✓ New technologies will be considered to address remaining gaps and deployed where additional funding is available.

How do I stay up to date

- ✓ If you already have Broadband – visit your ISP website using their line checker to determine availability –
 - ✓ To get Fibre Broadband you will need to order it from your ISP.
- ✓ If you do not have Broadband, but don't know where to start – visit www.digitalscotland.org and find out more by registering to be kept in the loop.
- ✓ Information will be released via both the Scot Government and HIE social media accounts and additionally in the local press as further areas go live.

Twitter: @HIEScotland / @digitalscots

Facebook: www.facebook.com/highlandsandislandsenterprise

Websites: www.hie.co.uk/digital
www.digitalscotland.org

