

Community Broadband **Scotland**

A resource for communities with limited or no broadband access



Southern Uplands Partnership

Newton Stewart - 1 May 2013

Alaistar Nicolson
CBS Operations Manager

Overview

- ▶ What is Community Broadband Scotland (CBS)?
- ▶ What will CBS provide?
- ▶ Pioneer Communities
- ▶ CBS in Dumfries & Galloway
- ▶ Rural Fund
- ▶ CBS Going forward

What is CBS?

- ▶ Scottish Government Programme
- ▶ Enable local communities to take positive action to deliver connectivity within their communities
- ▶ Provide a one-stop-shop for community broadband enquiries
- ▶ Empower communities to develop tailored solutions to meet **their** requirements

Infrastructure Action Plan

Action Plans

Programme 1
• Step Change
• Broadband programme

Programme 2
• World Class Vision

Overlap

Programme 3
• Demonstrating Digital

Programme 4
• Digital Participation

Community Broadband Scotland
• Community programme

What is CBS?

- ▶ Partnership between national and local agencies
- ▶ Project Team to oversee the development and implementation of CBS
 - Scottish Government
 - HIE/SE
 - Local Authorities/COSLA
 - National Parks
 - Carnegie UK Trust

What will CBS provide?

- ▶ Support service for communities
- ▶ Website providing online advice, guidance and toolkits (resource hub)
- ▶ Telephone helpline
- ▶ Network of on-the-ground CBS advisers
- ▶ Rural Fund

CBS Progress

- ▶ Project Team in place
- ▶ HIE contracted to deliver CBS
- ▶ Helpline – 0800 917 3688
- ▶ Website

www.communitybroadbandscotland.org

- ▶ Case studies
- ▶ Six Pioneer Communities



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Alaistar Nicolson

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Collaborate

EDIT

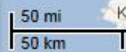
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CBS Pioneer Phase

Locations for CBS Pioneer Phase communities

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- Applecross Community (Highland)
- Tomintoul & Glenlivet (Moray)
- Colonsay (Argyll & Bute)**
- Corgarff & Glenbuchat (Aberdeenshire)
- B4GAL (South Lanarkshire)
Elvanfoot and Wanlockhead
- Ewes Valley (Dumfries & Galloway)



CBS Adviser Team

- ▶ Five geographically based advisers
- ▶ Pioneer project support
- ▶ Engage with key local partners
- ▶ Engage with local communities

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CBS in Dumfries & Galloway

- ▶ Bob Murison
- ▶ Pioneer project – Ewes Valley
- ▶ Key partners
 - ▶ South of Scotland Alliance
 - ▶ Dumfries & Galloway Council
 - ▶ Local community groups
- ▶ Engage with local communities

Get directions My places



















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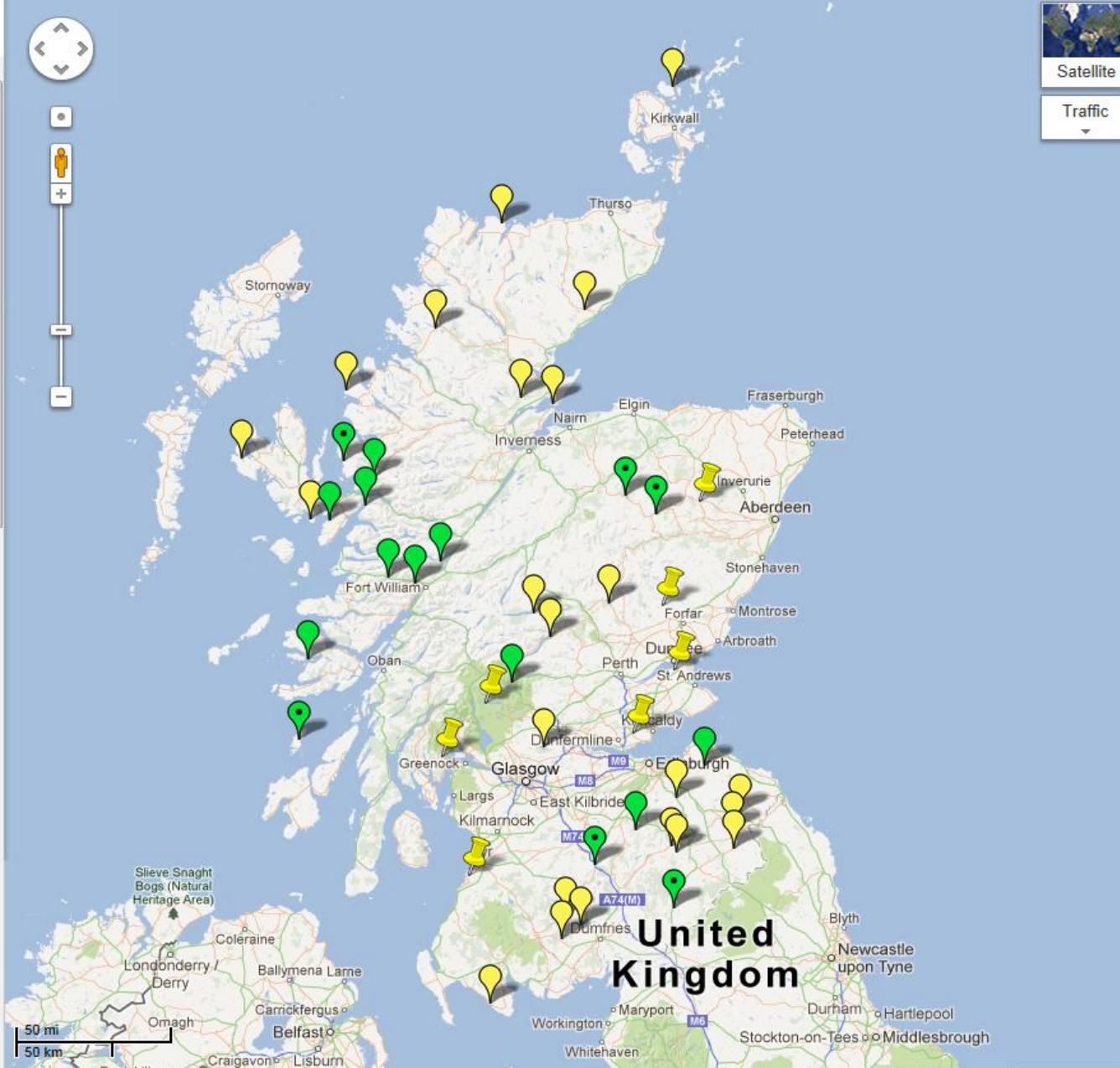
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CBS - Community engagement

Locations for CBS communities. Green projects indicate Pioneers and others at the planning stage. Yellow indicated initial expression of interest and early engagement

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-  **Stromeferry & Achmore**
Expression of interest (EA exchange area)
-  **Sleat Community Trust**
Collaborative project covering communities with poor broadband services in the Sleat area
-  **Ardross Community Council**
Poor broadband services from Alness
-  **Helmsdale & District Dev Trust**
Poor broadband areas served from Helmsdale
-  **Glenelg/Kyerhea**
EA area - served from Glenelg exchange
-  **Applecross Community Company**
CBS pioneer community - EA exchange area. Radio solution development
-  **Glenfinnan**
Poor broadband - long cable distance from Kinlochail (EA exchange) - link with Loch Eil group
-  **Loch Eil Broadband**
Project to cover poor broadband areas around Kinlochail and surrounding areas. Hebnet support
-  **Achnacarry**
Poor broadband area - served by Spean Bridge exchange - li Loch Eil group
-  **Glendale**
Poor broadband area
-  **Isle of Mull**
MICT working to secure broadband service for Mull communi
-  **Ullapool Community**
Seeking broadband solution for Elphin and other poor broadband areas
-  **Tomintoul and Glenlivet**
CBS Pioneer community area
-  **Corgarff and Glenbuchat**
CBS Pioneer Community areas
-  **Nigg and Shandwick CC**
-  **Brise & Ballogie**
one of the original nominations for the Pioneer stage



Satellite

Traffic

Get directions

























My places

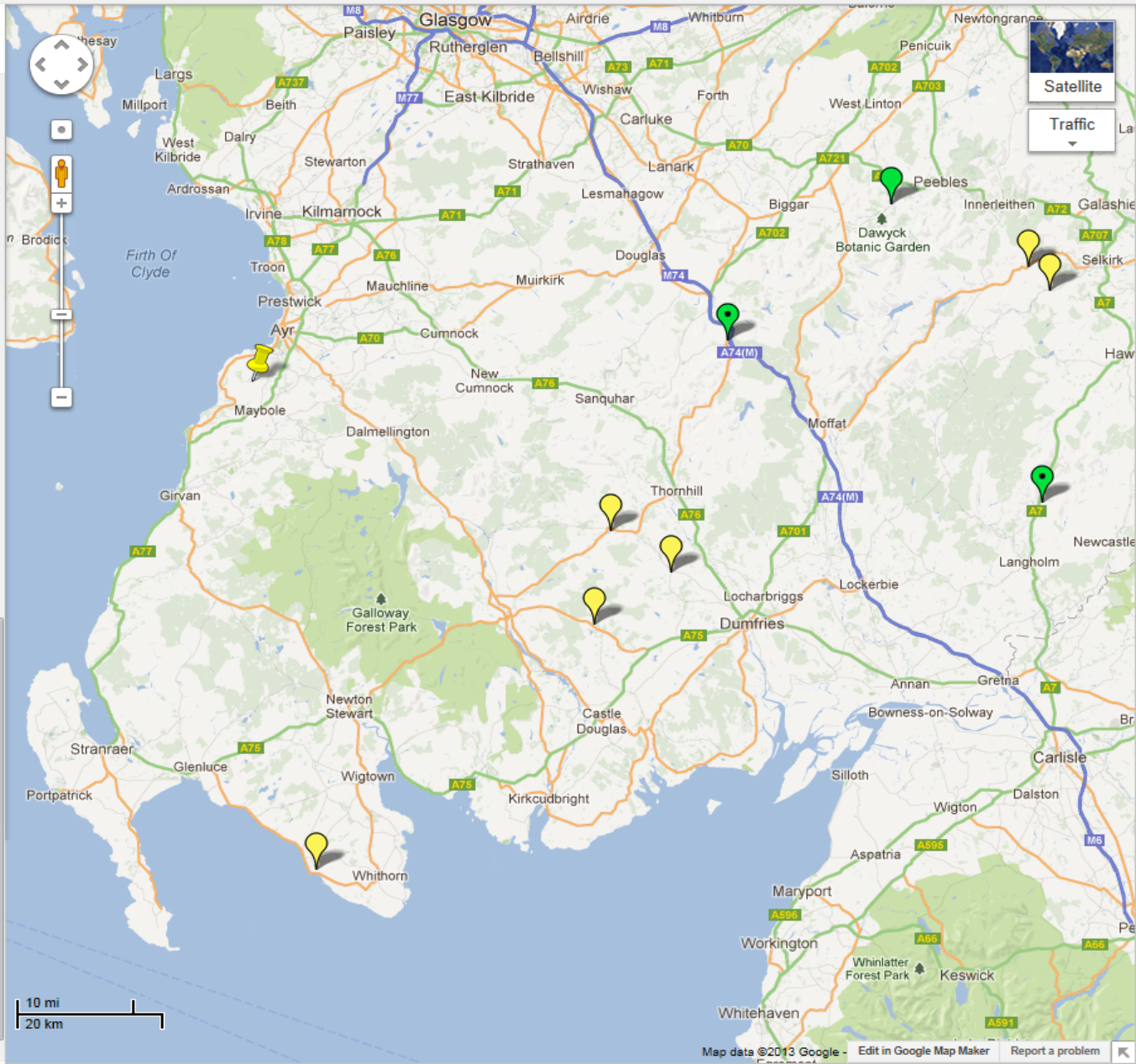


Satellite

Traffic

Area nominated for consideration during the Pioneer stage

-  **Colonsay**
CBS Pioneer Community
-  **Mid & Upper Nithsdale**
-  **Glencairn CC**
Moniave
-  **Monreith**
-  **Ewes Valley**
CBS Pioneer Community
-  **Manor, Stobo & Lyne CC**
Stobo served by EA exchange. Tweeddale
-  **B4GAL**
CBS Pioneer community
-  **Heriot**
-  **Lothian Broadband**
-  **Ettrick Valley**
SUP Project Officer in place. Areas mapped
-  **Yarrow valley**
-  **Carron Valley**
-  **Carrick communities**
Nominated for the Pioneer stage
-  **Orkney Isles**
-  **Cowal Shores**
Ongoing engagement - one of the 19 nominations for Pioneer Community
-  **Drumoig**
one of the nominations for the Pioneer Stage
-  **Auchtertool**
One of the nominations for the Pioneer stage
-  **Eckford Village Hall Trust**
Crailing exchange
-  **Elgol**
Working with Hebnet to obtain a service
-  **North Erradale**
-  **Melness & Tougue DT**
-  **Corsock**
-  **Marchmont**
-  **Nenthron**



CBS Going Forward

Expressions of Interest

- ▶ Engagement
- ▶ Planning
- ▶ Funding application

CBS – Criteria for engagement

- ▶ Suitable open community organisation
- ▶ Evidence of support for a community broadband project
- ▶ Area unlikely to benefit from NGB under the Step Change procurement
- ▶ Focus on rural and remote communities
- ▶ Premises unable to receive a 2Mbps standard service (download)
- ▶ Access to available backhaul

CBS – Planning

- ▶ Confirm project target areas
- ▶ Mapping
- ▶ Technical options review
- ▶ Proposed solution capable of supporting the delivery of NGB services – at least 30Mbps

CBS – Rural Funding

- ▶ Costs associated with project establishment
 - engaging with community/ local businesses
 - setting up a company
 - developing a business plan
- ▶ Scoping work such as options appraisals and technical studies
- ▶ Capital infrastructure costs

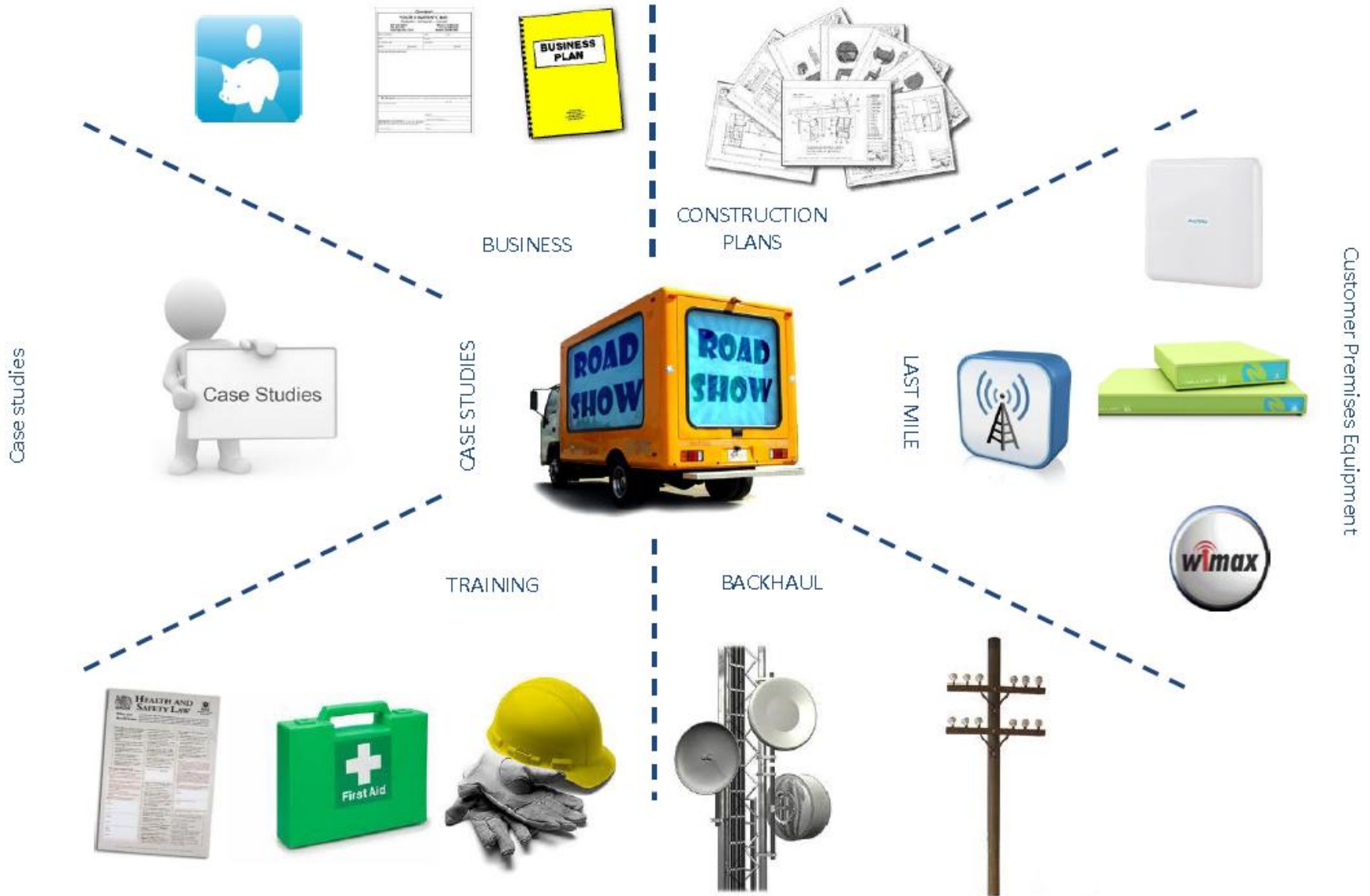
CBS – Funded projects must

- ▶ Align with Step Change
- ▶ Offer value for money
- ▶ Provide a sustainable service
- ▶ Able to raise funding
- ▶ State Aid compliant
 - Market failure
 - Minimum grant support

Going forward

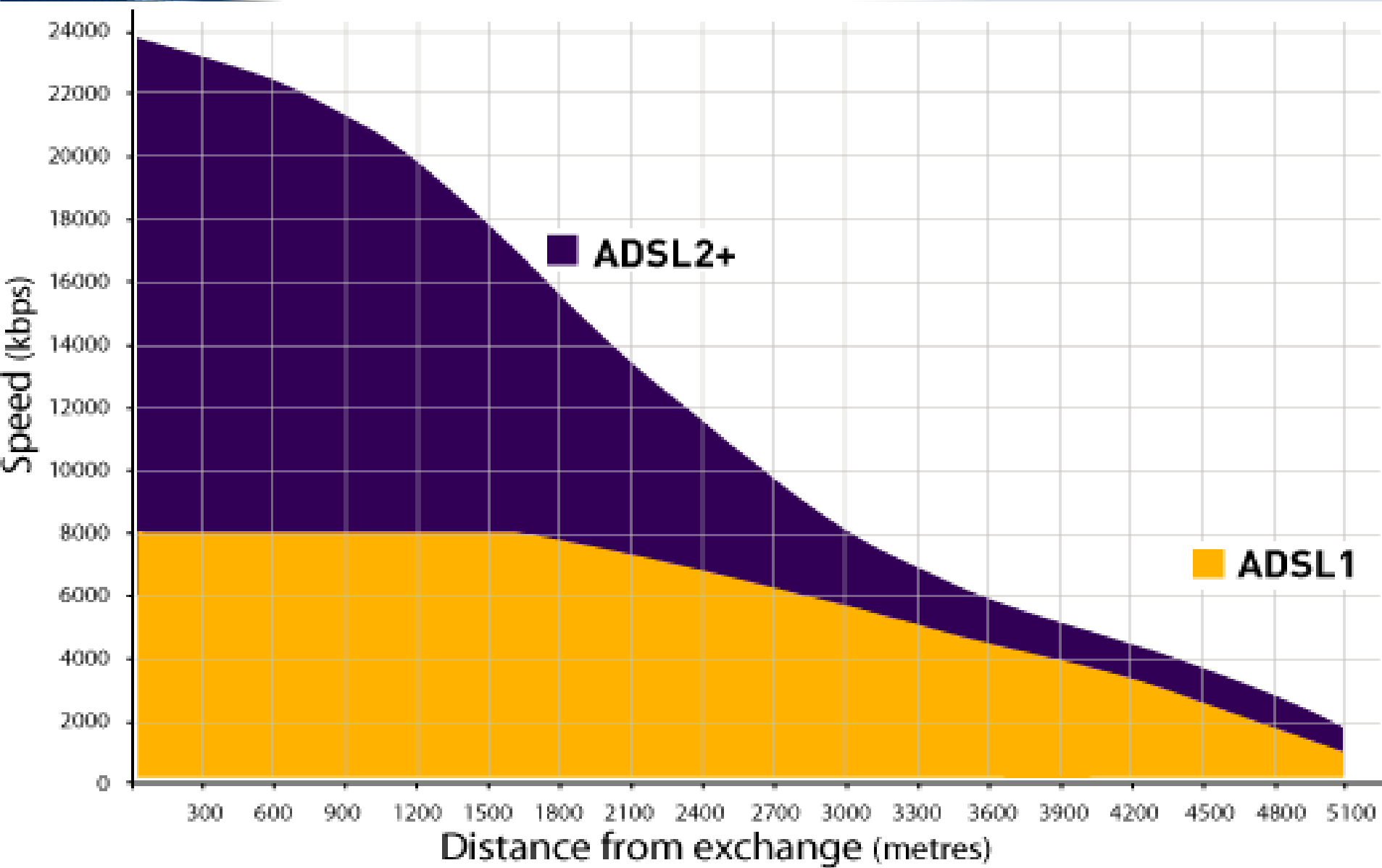
- ▶ Develop relevant tools and resources
- ▶ Website – self help hub
- ▶ CBS Adviser team development
- ▶ Six Pioneer Communities – sustainable broadband delivery solutions
- ▶ Focus on rural and remote communities
- ▶ Least likely to benefit from NGB under Step Change – the final 10/15%

Community Broadband – Self help



CBS Toolkit

- ▶ Engaging your community
- ▶ Stimulating and confirming demand
- ▶ Identify partners
- ▶ Planning a project
- ▶ Technology options
- ▶ Community structures
- ▶ Funding source
- ▶ Financial forecasts / plans
- ▶ Operational plans
- ▶ Business plans
- ▶ Templates



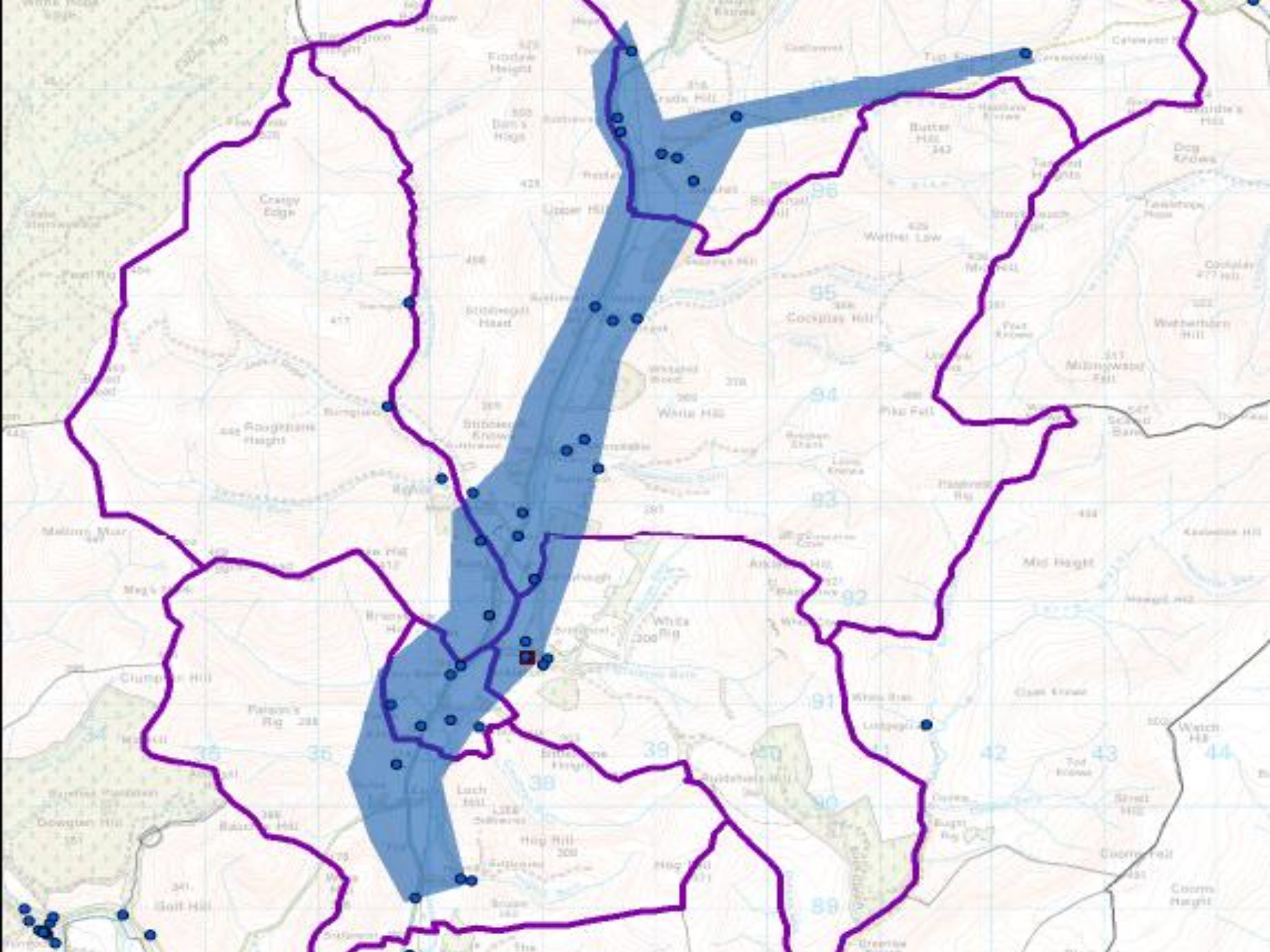
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Ewes Valley

- ▶ Pioneer community
- ▶ Local sub-group of Community Council
- ▶ Area mapping and demand confirmation



Community Broadband Scotland

www.communitybroadbandscotland.org

0800 917 3688

info@communitybroadbandscotland.org

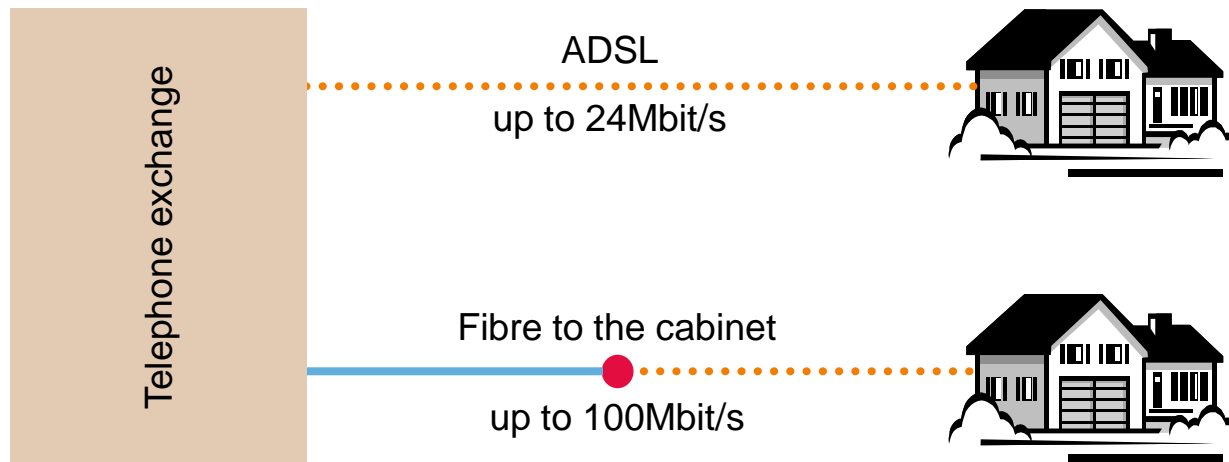
Questions

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Next Generation Broadband Delivery



BT Openreach

<https://www.youtube.com/watch?v=wSEuOB-gfDA>

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Resource Links

BT Openreach

<http://www.superfast-openreach.co.uk/where-and-when/>

Samknows

http://www.samknows.com/broadband/broadband_availability

Line speed test

<http://www.speedtest.net/>

CBS – Rural seed fund

- ▶ Capital infrastructure
- ▶ Establishment costs

- ▶ Require match funding (min 10%)
- ▶ Offer value for money
- ▶ Sustainable going forward
- ▶ State Aid compliant