

Your response

Question	Your response
<p>Question 1: Please provide a description of your current use of fixed links (or indicate which of the use types in Table 3.1 best describe your use type)</p>	<p>Confidential? – N</p> <p>OFCOM co-ordinated (95%) and Self co-ordinated (5%) short term mobile network transmission links (30-90 days typically)</p>
<p>Question 2: What are the factors driving your choice of fixed links over alternative connectivity solutions, and which factors have the biggest impact on your decisions? Is this likely to change in the next 5 years? If so, what do you expect will change?</p>	<p>Confidential? – N</p> <p>No other practical option. Fixed line/fibre not practical and other wireless options do not provide the required security, performance or reliability levels.</p>
<p>Question 6: How do you expect your usage to change over the next 5-10 years? Please provide information on:</p> <ul style="list-style-type: none"> - any increase/decrease in the number of links (by band) and bandwidth expected; - likely changes in geographic distribution of links; - likely changes in distribution of links by frequency band; - likely changes in capacity of links and how you expect to deliver this capacity; - other changes not covered above 	<p>Confidential? – N</p> <p>Similar number of links. Increased bandwidth requirements, which means a move to 60-80GHz spectrum and shorter links.</p>
<p>Question 7: Which of the developments listed above are expected to have the biggest impact on your use of fixed links? Are there other developments to be aware of that have not been listed?</p> <p>Please explain the reasons for your answer.</p>	<p>Confidential? – N</p> <p>Increased capacity demands, resulting in shorter links. Many of our links are to rural locations and are +5km in length.</p>

<p>Question 7a: Are you considering using NGSO satellites to provide backhaul for your network? If so, please provides details of the capacity requirements/expectations and the locations where delivery of this type of backhaul would be likely.</p>	<p>Confidential? – N</p> <p>Not suitable/practical for our requirements.</p>
<p>Question 8: If you already use alternative transport options for delivering your services, please:</p> <ul style="list-style-type: none"> - Provide an indication of the proportion of your services delivered over fixed links vs each alternative that you currently use. Is this proportion likely to change over the next 5-10 years? Is so please provide details; - Explain how your business rationale for use of fixed links vs alternative connectivity solutions is changing over time; - If possible, provide examples of your decision-making process for recently deployed connections 	<p>Confidential? – N</p> <p>None used.</p>
<p>Question 9: Which of the listed technologies are you already using or do you plan to use in the future? For each that you are using/plan to use, please explain:</p> <ul style="list-style-type: none"> - the current extent of your use, whether you expect to expand or shrink your use over the next 5-10 years, and how availability of these capabilities might impact your choice to deploy fixed links vs an alternative. <p>Estimates of numbers or percentage of links deployed with each capability now and in the future would be valuable. We are particularly interested in feedback on future use of BCA.</p>	<p>Confidential? – N</p> <p>CCDP – currently used (70% links)</p> <p>ACM – currently used (100% links)</p>
<p>Question 9a: If you plan to use BCA would you plan to use this primarily for new links, up-grades to existing links or a mix? What factors affect your decision to deploy (or not deploy) BCA today?</p> <p>Please provide whatever detail you can</p>	<p>Confidential? – N</p> <p>No current plans to use</p>

<p>Question 10: Do you have a need for W and D bands for fixed links use (or alternative uses)? If so, in what timescale?</p> <p>Please provide further details, including any evidence you have to support your response.</p>	<p>Confidential? – N</p> <p>No current plans to use</p>
<p>Question 11: Do you expect to apply for new fixed links in the upper 6 GHz band in the future, and if so, in which geographical areas? What are the reasons for choosing this band over other available bands or alternative technologies? Is there a technical reason why you would choose the upper 6 GHz band?</p>	<p>Confidential? – N</p> <p>No current plans to use</p>
<p>Question 12: Are there other international developments that you are aware of that could affect availability and utility of fixed links in the next 5-10 years?</p>	<p>Confidential? – N</p> <p>None currently known</p>

Please complete this form in full and return to fixedlinks.review@ofcom.org.uk.