

## Your response

Question	Your response
<p><b>Question 1. How do you think demand for Shared Access is likely to change in future and why; Which use cases do you think are likely to emerge or grow, and which decline?</b> Please provide a view on the bandwidth you would consider the minimum and optimal requirement for growth use cases, and timelines you would expect for their development</p>	<p><i>Is this response confidential? – N</i></p> <p>Looking at the current licensees at UK Shared Access bands we can see plenty of community connectivity (Fixed Wireless Access). This is somewhat different from the uses we can see for example in Germany at their private access band at 3700 MHz. We would expect that the use cases in the UK will also diversify and include industrial and small cell deployments.</p> <p>In particular, neutral host deployments are seen to flourish as MOCN under Shared Access Licences. Instead of dedicated deployments for one private network client, a Shared Access Licence site would provide connectivity to several clients, and potentially connected to more than one core network.</p> <p>As standards and regulatory bodies have earlier established, any feasible 5G service would require around 100 MHz of spectrum to operate on.</p>
<p><b>Question 2. Are there elements of the current framework that complicate the use of Shared Access licences for specific use cases? If so, please provide specific examples and indicate the changes that would be required to facilitate this and how this might co-exist with other use cases.</b></p>	<p><i>Is this response confidential? – N</i></p> <p>The licensing rules would appear to forbid MNOs from operating commercial services at 3800-4200 MHz band. The intent of excluding MNOs operating nationwide commercial service on this band is understandable. It would be helpful if clarity can be provided on the question on whether a Neutral Host provider could have MNOs camp in their cells, i.e., broadcast an MNO PLMN?</p>
<p><b>Question 3. Do you have any comments on the power restrictions currently in place, particularly in urban/high density areas, under the Shared Access licence?</b> Please explain what benefits could be delivered using a higher</p>	<p><i>Is this response confidential? – N</i></p> <p>Some of our members consider that the 3800-4200 MHz Tx power limits may be restrictive for e.g. port deployments. However, we do recognize that Ofcom has the exceptions</p>

operating power (e.g. medium power in urban areas), or any concerns you sharing with such operations).	process in place which would be applied in some cases to such scenarios.
<b>Question 4. Do you have any comments on the exceptions process, and how some of its benefits could be maintained within more standardised and automated assessments?</b>	<i>Is this response confidential? – N</i> Small Cell Forum has no comment on this aspect.
<b>Question 5. Do you have any views whether and how the coordination approach should be modified? If yes, please provide comments in light of the issues set out above.</b>	<i>Is this response confidential? – N</i> Small Cell Forum has no comment on this aspect.
<b>Question 6. Do you have views on whether newer or emerging technologies can support coexistence between additional users in the band, and if so, how?</b>	<i>Is this response confidential? – N</i> As Ofcom correctly points out, Adaptive Antenna Systems will provide possibility of considering antenna tilt and antenna patterns. We believe that AAS will provide better spectrum reuse/sharing but do agree with Ofcom that a refinement and a step-by-step enhancement may be the pragmatic approach at this stage.
<b>Question 7. Please outline any comments on the current licensing process (e.g. ease of application, time taken, the information we require). If relevant, please note aspects you are currently content with and areas which could be improved.</b>	<i>Is this response confidential? – N</i> Small Cell Forum has no comment on this aspect.
<b>Question 8. Do you have any comments on the suitability of available spectrum for your use cases? Please consider the relevance of the additional bands we are proposing for the framework, and the impact of any limitations on existing bands.</b>	<i>Is this response confidential? – N</i> Small Cell Forum has no comment on this aspect.
<b>Question 9. Do you have any comments on equipment availability limiting deployment options in 3.8-4.2 GHz? Please comment on the impact of any experiences you have had, and where relevant, your expectations for when more equipment will be broadly available across the band.</b>	<i>Is this response confidential? – N</i> Small Cell Forum has no comment on this aspect.
<b>Question 10. Do you have any other general comments on the Shared Access framework? Please consider any areas where future innovations could further support Ofcom's</b>	<i>Is this response confidential? – N</i> Small Cell Forum has no comment on this aspect.

policy objectives for this spectrum, and/or  
improve the experience for users.

Please complete this form in full and return to [sharedaccessresponses@ofcom.org.uk](mailto:sharedaccessresponses@ofcom.org.uk)