

Questions for 14 May NBN meeting

<p>Why is NBN not holding an open forum for questions? A company the size of NBN should have the capacity to facilitate such a forum.</p>	<p>The Information Session allows for a true dialogue for all participants. Everyone has an opportunity to ask the questions they want to, and get a detailed response from staff. It is an open, frank exchange between staff and residents, and it allows for much greater participation than a town hall style meeting.</p>
<p>Why will NBN not use the terms ‘microwave’ and ‘tower’? This is what they are in reality.</p>	<p>NBN is proposing a fixed wireless radio network. By referring to it as a fixed wireless network, or a radio communications network, NBN is using precise and correct terminology.</p>
<p>When will NBN provide, in map format, the full Sunshine Coast picture for their proposals?</p>	<p>The NBN fixed wireless network is not a static design, but is subject to change and development. NBN releases advice about sites when it has a high degree of confidence that a site is needed and can be obtained. Because the network is a work in progress, we cannot release a “full Sunshine Coast picture”.</p>
<p>Please provide economic justification for your local proposal – microwave towers instead of fixed line.</p>	<p>NBN has already provided Maleny residents with an understanding of the national commercial parameters for fixed line. The density of development is insufficient across the Hinterland to warrant the expense of fixed line services, which require kilometres of fibre to be run to purpose built nodes servicing large, sparsely developed blocks. As previously explained, it is outside the economy of scale for this national rollout.</p> <p>NBNs Technology Choice Program allows for residents to investigate at their own expense the feasibility of switching technologies (individually and / or collectively). For further information: http://www.nbnco.com.au/connect-home-or-business/technology-choice-program.html</p>
<p>When will the following actions happen?:</p> <ul style="list-style-type: none"> • Maleny Central to have advice about the local fixed line service • A satellite service available for remote Maleny area properties • For these 5 sites, when will services be available for residents • Date for the next proposed community consultation session 	<p>NBN has a rolling 18-month deployment plan which is updated quarterly. The national rollout is scheduled connect 8 million premises by 2020, and NBN encourages interested residents to check the NBN website for quarterly updates.</p>
<p>Please advise how NBN is insured against any foreseeable and non-foreseeable health risks to humans from microwaves</p>	<p>NBN is confident that it has certificates of currency in place with private insurers for all appropriate and necessary insurance against foreseeable risks related to the network.</p>
<p>What frequencies will be used in this area for:</p>	<p>NBN intends to use 2300MHz frequency band as per its radio frequency</p>

Questions for 14 May NBN meeting

<ul style="list-style-type: none"> • NBN microwave service • Microwave communications links 	<p>license with the Australian Communications and Media Authority, at this point in time. Transmission links are likely to be designed at 13GHz (subject to final transmission network design, including dish sizes, which is pending).</p>
<p>What are the expected weather effects for the microwave service frequency and for the microwave communications link frequency?</p>	<p>Where it has gone live, NBN Co's Fixed Wireless wholesale service has surpassed design and operational targets at different locations around Australia and in a variety of different weather conditions. Despite this, the wholesale service has consistently exceeded 99.90% availability.</p> <p>The high quality of NBN Co's Fixed Wireless network is due to the siting and design of individual network facilities (proximity of facilities and capped number of subscribers); the high quality equipment deployed both on locally-situated network facilities and on subscribers' rooftops; and the 2300 MHz frequency which is generally not as susceptible to severe weather conditions such as rain or fog.</p>
<p>Please provide the radiation pattern for the proposed household microwave antenna</p>	<p>NBN Co does not provide information regarding the rooftop antennas, because they are considered LOW RF emitting equipment that have no impact on general public health and safety, in the same way that mobile phones are not considered to have an impact on general public health and safety.</p>
<p>What research has NBN used to consider possible effects on local flora and fauna from microwaves?</p>	<p>It is our role to at all times scrupulously adhere to planning, environmental and public safety legislation. We are doing so in the deployment of the fixed wireless network.</p> <p>NBN notes that radio facilities are permissible in national parks, and that there are more than 200 licensed radio communications facilities located within national parks and state forests around Australia (See: ACMA Register of Radio Communications Licenses http://web.acma.gov.au/pls/radcom/register_search.main_page)</p>
<p>So as to protect their possible long term liability, what new research on human health impacts from microwaves has NBN considered, because the ARPANSA standard is based on 3 year old research?</p>	<p>The ARPANSA standard is not based on 3-year old research. It is a part of ARPANSA's charter to review all emerging published science, and ARPANSA publishes the science it has reviewed each month in an <i>EMR Literature Survey</i> which is available online: http://www.arpansa.gov.au/RadiationProtection/EMR/literature/index.cfm</p>

Questions for 14 May NBN meeting

<p>What agreements have been made for these and future sites:</p> <ul style="list-style-type: none">• With Telstra / Optus for black spot remediation• Connectivity to 'smart meters' (advanced meters)	<p>No agreements have been made. Third party carriers may apply to NBN to co-locate on facilities and NBN will consider any application received individually as we are obligated to, as the relevant legislation (Telecommunications Act 1997) encourages co-location where this is economically and technically feasible. There are no pre-existing arrangements in place for Telstra, Optus, or regarding smart metering.</p>
<p>In the interests of National Security, how will the microwave towers be protected against external attacks – drone based or other accidents?</p>	<p>Attacks on national security are not considered pertinent to our proposals in the Hinterland.</p>
<p>Where are the results of the 'survey' conducted at the first Maleny 'Information Session'?</p>	<p>NBN did not conduct a survey at the September 2014 information session.</p>