

Gas Network Innovation Competition Full Submission
Supplementary Answer Form

Project: H21

Tick if this answer has been provided verbally: ☐

Project code	NGNGN05	Question Number	3
Question date	22 nd August 2019	Answer date	27 th Aug 2019
Submission section question relates to	N/A		
Topic	Phase 2b – Unoccupied trials		
Question	What is your methodology for securing land for the above-ground trials as part of Phase 2b - Unoccupied Network Trials? What are the parameters for determining the chosen site?		
Notes on question			
Answer	<p>We are looking for sites with live or recently decommissioned assets in-situ, preferably containing IP/MP/LP mains and services that can be converted to supply hydrogen albeit with no end users connected.</p> <p>There are several ways we have been trying to secure land:</p> <ol style="list-style-type: none">1. Liaising with West Yorkshire Combined Authority who are liaising with their colleagues in housing, highways etc on potential public sites, following demolition for instance.2. Enquiring with 3rd parties of private sites such as the Ministry of Defence on availability of land with gas assets present.3. Working with the GDN Network Planners to identify up to date areas of abandoned mains located in areas away from existing properties. <p>Once a suitable site is identified following site surveys, risk assessments and public/stakeholder engagement, we will then validate the assets by way of pressure testing, trial excavations and CCTV surveys of the assets.</p> <p>The site will be selected only when it satisfies the criteria of containing representative samples of network assets, safety in terms of ensuring</p>		

	<p>any released gas could not migrate into occupied areas containing natural gas assets and the general environmental impact.</p> <p>Only after this will we then follow the legal process for temporary occupation and implement a customer/stakeholder engagement plan. The suitable site will likely be located on the periphery of any existing natural gas networks so that if necessary it can be isolated from the natural gas network with no impact on customers be it supply wise or general inconvenience through street works. It has become apparent that areas satisfying our criteria are rare therefore we have broadened the search from within the Northern Gas Networks region to UK wide.</p>
Attachments	See attached criteria issued to the local combined authority.