

# *Network Innovation Competition Full Submission*

## *Supplementary Answer Form*

Tick if this answer is Confidential: ☐

Tick if this answer has been provided verbally: ☐

Project code:	NGGDGN01	Question Number	7
Question date	15/8/13	Answer date	19/8/13
Submission section question relates to	4.3		
Topic	Evaluation criteria / potential for commercialisation		
Question	<p>The report states that currently in the UK there is only one source of high-quality, waste-derived syngas suitable for methanation (APP Swindon). Does this make the BioSNG solution dependent on one particular gasification technology / manufacturer? If so, what risks does this create and how are they being managed? For instance, could this limit the opportunity for replication of the design if the demonstration plant is successful?</p>		
Notes on question			
Answer	<p>APP in Swindon was chosen as a source of syngas because we wanted a supply that is immediately available. Bio-Syngas could be (and is currently) produced by a number of gasification technologies, for example, Enerkem (Canada, waste fuelled), Repotec (Austria, biomass fuelled), but none of these has an operating plant here in the UK at the moment. Air Products have recently commenced construction of a large waste gasification facility in the UK. However the timing is not suitable for this project, and being a commercial facility is much less suitable for this application. However, this evidence provides confidence that there is an emerging range of gasification systems becoming available commercially.</p> <p>There is no technology lock-in to APP; in fact it is a specific objective of the project Consortium Agreement that the BioSNG module could be fitted to any source of reasonable quality syngas, with technology licensing provisions to promote and enable this outcome.</p>		
Attachments			

Verbal Clarifications  (Consultants )	
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