

*Gas Network Innovation Competition Full Submission*  
**Supplementary Answer Form**

## **Project: Commercial BioSNG Demonstration Plant**

Tick if this answer has been provided verbally: ☐

Project code	NGGDGN02/1	Question Number	13
Question date	28/8/15	Answer date	3/9/15
Submission section question relates to			
Topic			
Question	How do the potential benefits claimed for this project compare to the potential benefits claimed for the Pilot project?		
Notes on question			
Answer	<p>The overarching goals and benefits of both projects are aligned. The benefits of renewable gas as a means for decarbonising heat supply without the requirements for end users to change equipment, and with the ability to deliver peak heat demand cost effectively compared with heat pumps remain the same. Both projects recognised that BioSNG substantially augments the volumes of renewable gas available from anaerobic digestion. These benefits are seen in both cases to cascade through to savings for the consumer as well as greenhouse gas savings. Similarly the purpose of both projects is to increase public awareness.</p> <p>However, there are some specific additional benefits which flow from the proposed demonstration project compared with the Pilot project. Primarily this is associated with demonstrating commercial deliverability; a larger plant, operating under commercial conditions, and physically connected to the grid has been identified as a necessary intermediary stage to widespread deployment. A key additional benefit of this project is to demonstrate the use of BioSNG as a transport fuel. Renewable sources of gas will encourage</p>		

	<p>the use of the gas network as a fuel distribution system for the transport market. This will increase system utilisation and result in lower unit costs for existing consumers.</p>
Attachments	