

*LCN Fund Full Submission*

## *Supplementary Answer Form*

Tick if this answer is Confidential: ☐

Tick if this answer has been provided verbally: ☐

Project code:	SSET204 – PATHS	Question Number	SSEP005
Question date	03/08/2012	Answer date	03/09/2012
Submission section question relates to	Appendix C(ii)		
Topic	Risk Register		
Question	Please explain how the risks to the project of obtaining planning permission for installation of significant items of equipment have been addressed.		
Notes on question			
Answer	<p>Planning consent for the various elements very important to the overall success of PATHS. The risk this poses to the project is being mitigated in a number of ways:</p> <p>PATHS project partners have significant experience in securing consent for hydrogen based projects.</p> <ul style="list-style-type: none"> <li>• BOC Linde has been involved in a number of hydrogen based projects both in Europe and the UK. This includes securing planning consent for a refuelling station at Honda's Swindon plant</li> <li>• First Group have been operating a number of hydrogen fuel cell buses in London for several years. The company secured consent for the design and build of a purpose built maintenance facility for Transport for London.</li> </ul>		

	<ul style="list-style-type: none"> <li>• Element Energy has been involved in developing and implementing hydrogen projects since 2002. They have been the technical advisers for Transport for London throughout their London Hydrogen Transport Programme</li> </ul> <p>The involvement of both Aberdeen City and Aberdeenshire Councils has ensured that the selection of sites was focussed on areas which are identified as being suitable for this form of development. This combined experience has been used to identify a number of potential locations around Aberdeen which meet both the needs of the various project partners and could be suitable from a technical perspective.</p> <p>Preliminary visits to all of the initial sites have been carried out by the relevant technical teams including those from BOC and SSEPD. This has been supported by TUV Rheinland, a leading international body for the certification of safety and quality for products, services and management systems, who have been involved in the development of a number of hydrogen production, refuelling and maintenance facilities in Europe. No major issues have been identified and initial proposals are being developed in preparation for a planning application.</p> <p>Proactive engagement with interested stakeholders is ongoing to ensure they have a clear understanding of the benefits of the entire project in advance of planning applications being submitted for the individual sites. Stakeholders in this context include statutory bodies such as emergency services, environmental bodies, planning, community councils and on a wider basis, passenger groups, local residents and elected representatives.</p> <p>Whilst we are confident that planning can be achieved for all of the sites selected, it should be noted that the initial site selection process also identified a number of alternative sites which could be developed as an alternative should we encounter any issues.</p> <p>This will obviously be an ongoing risk until full planning consent is secured and we will obviously continue to monitor this closely. However, we feel that by focussing on areas which should be suitable, proactively involving the wider stakeholder group and using the key strengths of the partnership we should be able to achieve planning consent within the timescales required.</p> <p>In developments such as this, environmental aspects are important aspects of planning consents. Partners in the PATHS project, particularly BOC, are experienced in securing planning consent for similar installations, and are well versed in the requirements pertaining to environmental impact assessments and similar undertakings.</p>
Attachments	
Verbal Clarifications (Consultants )	

SSEP005	Appendix C(ii)	Risk Register	Please explain how the risks to the project of obtaining plan items of equipment have been addressed.
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