



The content of this document is draft and relates to material [or data] which is still in the course of completion in travel to Gate 2 and should not be relied upon at this early stage of development. We continue to develop our thinking and our approach to the issues raised in the document in preparation for Gate 2.

Carbon Optioneering Summary

SOP
50ML/D

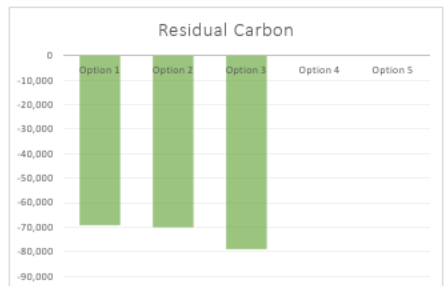
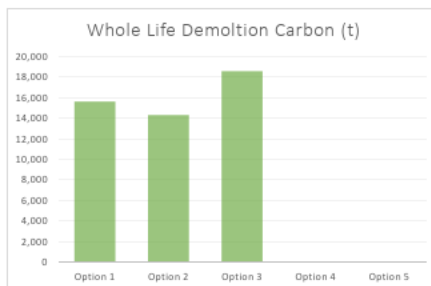
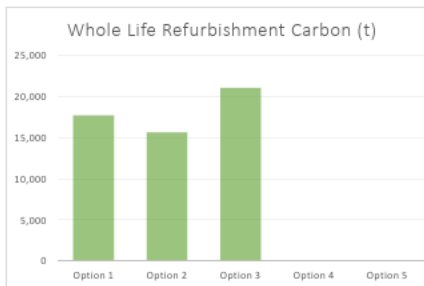
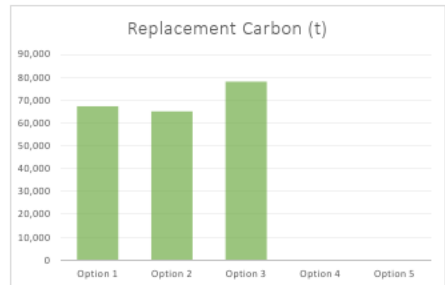
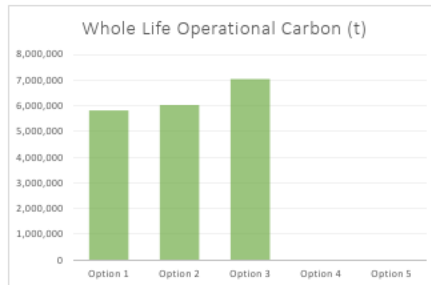
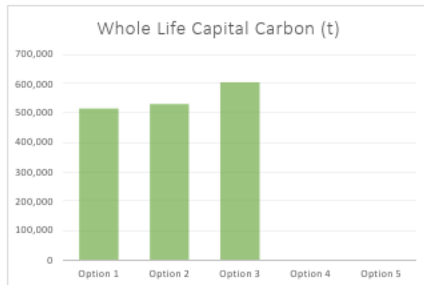
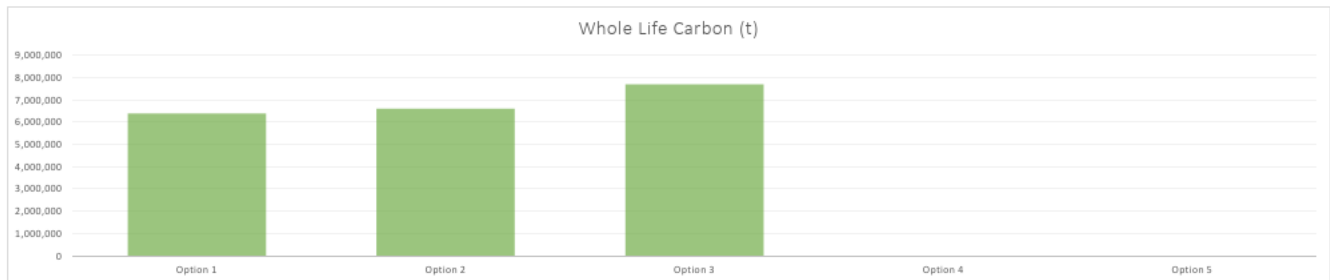
Contractor Name
WSP

Date Produced
3/3/2021

Project Name
GUC Route Appraisal

Contractor Project No.
[REDACTED]

Version
1



Stage	Option 1	Option 2	Option 3	Option 4	Option 5	(All values are tonnes of CO2e)
Capital carbon	514,935	530,611	605,164	0	0	
Operational carbon	5,819,146	6,029,795	7,034,986	0	0	
Replacement carbon	67,212	65,003	78,014	0	0	
Refurbishment carbon	17,772	15,679	21,076	0	0	
Demolition carbon	15,641	14,335	18,567	0	0	
Residual carbon	-69,124	-70,000	-78,942	0	0	
Whole Life carbon	6,381,220	6,599,757	7,697,432	0	0	

General instructions

1) Before starting, make sure that Macros are enabled in Microsoft Excel.

2) Complete the Details section at the top of the Optimisation Summary page.

3) In the Options page, use the Show All button to open the data entry fields.

Build up each project solution option by asset by selecting models from the drop-down Asset list and entering an Asset Measure for the item. An Asset Description may also be added in order to identify the item within your project.

4) The Model Viewer can be used to view the data for individual asset models. In the Model Viewer sheet, select an Asset from the drop-down list at the top of the page and the charts and data table will refresh with all data relating to that Asset.

NB. If you are using Microsoft Excel 2003 or older, some functionality may not work and you should seek further guidance how to proceed.