

APPENDIX 9.3 PRELIMINARY LIFECYCLE ASSESSMENT

EVO Building

GIA 10155m2

SCOPE A1-A5, B3-4, C1-4 + B7

Results by Life Cycle Stage	Life cycle Stages	
	Stage	Total excl. Coverage adjustment kgCO2e/m2
	A1-A3	383
	A4	50
	A5	54
	B1	0
	B2	10
	B3	11
	B4	305
	B6	0
	C1	3
	C2	6
	C3	428
	C4	2
	D	-626
	bioC	-410
Embodied Carbon A-C incl. sequestration		842 (-410 Sequestered)
B7 (in addition to the above)		4

Results by RICS Category	Building Elements	
	Element	Total excl. Coverage adjustment kgCO2e/m2
	0 Facilitating Works	3
	1 Substructure	66
	2.1-2.4 Superstructure	445
	2.5-2.6 Superstructure	97
	2.7-2.8 Superstructure	83
	3 Finishes	210
	4 Fittings, furnishings & equipments	60
	5 Services (MEP)	244
	6 Prefabricated buildings and building units	0
	7 Work to existing building	0
	8 External works	2
	Other materials - TOTAL	0
	Site, energy and water	40
	Total Incl. sequestration	842 (-410 Sequestered)
	Total excl. sequestration	1252
	Site, energy and water - Module B7 in addition to the above	4

EVO Car Park

GIA 6234m2

SCOPE A1-A5, B3-4, C1-4

Results by Life Cycle Stage	Life cycle Stages		Total excl. Coverage adjustment kgCO2e/m2
	Stage		GIA
	A1-A3		253
	A4		22
	A5		47
	B1		0
	B2		0
	B3		3
	B4		199
	C1		3
	C2		3
	C3		11
	C4		0
	D		-183
	bioC		0
Embodied Carbon A-C incl. sequestration			542

Results by RICS Category	Building Elements	
	Total excl. Coverage adjustment kgCO2e/m2	
	Element	GIA
	0 Facilitating Works	3
	1 Substructure	33
	2.1-2.4 Superstructure	144
	2.5-2.6 Superstructure	10
	2.7-2.8 Superstructure	6
	3 Finishes	108
	4 Fittings, furnishings & equipments	0
	5 Services (MEP)	207
	6 Prefabricated buildings and building units	0
	7 Work to existing building	0
	8 External works	0
	Other materials - TOTAL	0
	Site, energy and water	0
	Average site impacts (A5a)	30
	Total	542

EVO LANDSCAPING AND EXTERNAL WORKS

GIA 10155m2
SCOPE A1-A5, B3-4, C2, C3

Results by Life Cycle Stage	Life cycle Stages		Total inc. Coverage adjustment kgCO2e/m2
	Stage		
	A1-A3		23
	A4		33
	A5		13
	B1		0
	B2		0
	B3		9
	B4		17
	C1		0
C2		1	
C3		0	
C4		0	
D		-9	
bioC		0	
Embodied Carbon A-C incl. sequestration			96

Results by RICS Category	Building Elements	
	Element	Coverage Adjustment kgCO2e/m2
	0 Facilitating Works	
	1 Substructure	
	2.1-2.4 Superstructure	
	2.5-2.6 Superstructure	
	2.7-2.8 Superstructure	
	3 Finishes	
	4 Fittings, furnishings & equipments	
	5 Services (MEP)	
	6 Prefabricated buildings and building units	
	7 Work to existing building	
	8 External works	96
	Other materials - TOTAL	
	Site, energy and water	
	Average site impacts (A5a)	
	Total	96