

Project users	Project name	Design name	Tool name		
Jonas Larsson, Mat	Bobergsgatan	In-situ alternative	BREEAM Infrastructure LCA (CEEQUAL)		
Section	Resource	User input	Unit	Global warm Acidification	
A1-A3-full	Structural steel sec	48,5	ton	52741,17	94,73
A1-A3-full	Structural steel sec	5,7	ton	6198,45	11,13
A1-A3-full	Structural steel sec	3,05	ton	3316,71	5,96
A1-A3-full	Geotextile, generic	19574	m2	3055,65	15,79
A1-A3-full	Portland fly ash cer	3000	ton	2097000	1953
A1-A3-full	Mortar, highly flow	1,4	kg	0,54	0,00115
A1-A3-full	Transparent board	3531	kg	1955,04	3,13
A1-A3-full	High density polyet	520	kg	321,7	1,95
A1-A3-full	Macadam (8...16 m	153,63	ton	672,32	3,86
A1-A3-full	Macadam (8...16 m	15,68	ton	68,62	0,394
A1-A3-full	Sand, compacted d	145	ton	336,4	2,19
A1-A3-full	Sand, compacted d	14,16	ton	32,85	0,214
A1-A3-full	Crushed rock (0...10	33735,86	ton	220901,98	1954,56
A1-A3-full	Crushed rock (0...10	738,04	ton	4832,68	42,76
A1-A3-full	Crushed rock (0...10	2341,41	ton	15331,52	135,65
A1-A3-full	Crushed rock (0...10	356,14	ton	2332	20,63
A1-A3-full	Crushed rock (0...10	753,26	ton	4932,34	43,64
A1-A3-full	Crushed rock (0...10	15,68	ton	102,67	0,908
A1-A3-full	Crushed concrete, 0	9449,75	ton	0	0
A1-A3-full	Asphalt for paving r	3001	ton	138646,2	1500,5
A1-A3-full	Ready-mix and pre	250	kg	30,86	0,0362
Subtotal for A1-A3-full:				2552809,7	5791,02
A4b	Macadam (8...16 m	153,63	ton	58,44	0,265
A4b	Macadam (8...16 m	15,68	ton	68,59	0,311
A4b	Sand, compacted d	145	ton	55,16	0,25
A4b	Sand, compacted d	14,16	ton	38,22	0,174
A4b	Crushed rock (0...10	33735,86	ton	4935,85	22,41
A4b	Crushed rock (0...10	738,04	ton	280,75	1,27
A4b	Crushed rock (0...10	2341,41	ton	6320,39	28,7
A4b	Crushed rock (0...10	356,14	ton	526,27	2,39
A4b	Crushed rock (0...10	753,26	ton	1983,75	9,01
A4b	Crushed rock (0...10	15,68	ton	68,59	0,311
A4b	Crushed concrete, 0	9449,75	ton	1382,58	6,28
A4b	Recycled non-cohe	14381	ton	2104,06	9,55
A4b	Recycled non-cohe	11177	ton	30498,18	138,48
A4b	Recycled non-cohe	870	ton	509,15	2,31
A4b	Recycled non-cohe	93104	ton	280611,45	1274,1
A4b	Recycled non-cohe	36	ton	115,35	0,524
A4b	Recycled non-cohe	621	ton	1226,58	5,57
Subtotal for A4b:				330783,37	1501,9
A4legs	Transported mass	211,5	ton	311,12	1,45
A4legs	Transported mass	73	ton	2684,6	12,49
A4legs	Transported mass	136	ton	10769,76	50,1
A4legs	Structural steel sec	48,5	ton	3092,22	14,24
A4legs	Structural steel sec	5,7	ton	363,42	1,67
A4legs	Structural steel sec	3,05	ton	194,46	0,896
A4legs	Geotextile, generic	19574	m2	49,14	0,223

A4legs	Portland fly ash cer	3000 ton	56428,82	879,87
A4legs	Mortar, highly flow	1,4 kg	0,0541	0,000246
A4legs	Transparent board	3531 kg	286,51	1,32
A4legs	High density polyet	520 kg	2,19	0,0101
A4legs	Asphalt for paving r	3001 ton	3161,32	14,35
A4legs	Ready-mix and prel	250 kg	0,0914	0,000415
Subtotal for A4legs:			77343,71	976,62
A5	Transported mass	211,5 ton	0	0
A5	Transported mass	73 ton	0	0
A5	Transported mass	136 ton	0	0
A5	Asphalt waste	2484 ton	13428,24	67,67
A5	Asphalt waste	1728 ton	8110,63	41,41
A5	Concrete crushing a	73,88 ton	801,59	4,1
A5	Concrete crushing a	65,86 ton	667,67	3,44
A5	Concrete crushing a	39,5 ton	428,57	2,19
A5	Hazardous waste	59 ton	148183,08	288,35
A5	Contaminated Soil	1746,11 ton	497893,06	164,11
A5	Inert waste landfili	19273 ton	205769,83	1413,73
A5	Inert waste landfili	5819,07 ton	69993,6	463,07
A5	Biowaste	3,12 ton	634,26	3,31
A5	Structural steel sec	48,5 ton	0	0
A5	Structural steel sec	5,7 ton	0	0
A5	Structural steel sec	3,05 ton	0	0
A5	Geotextile, generic	19574 m2	0	0
A5	Portland fly ash cer	3000 ton	0	0
A5	Mortar, highly flow	1,4 kg	0	0
A5	Transparent board	3531 kg	0	0
A5	High density polyet	520 kg	0	0
A5	Excavator, crawler,	1955 h	60173,89	90,84
A5	Excavator, crawler,	384 h	11819,32	17,84
A5	Excavator, crawler,	146 h	4493,8	6,78
A5	Excavator, wheelec	1203 h	32212,78	48,63
A5	Surface drill rig (+A	480 h	10108,8	14,82
A5	Surface drill rig (+A	2110 h	44436,6	65,15
A5	Wheel loaders, dies	2110 h	63179,36	95,37
A5	Other diesel-driven	15 h	407,68	0,598
A5	Asphalt for paving r	3001 ton	0	0
A5	Recycled crushed ri	707500 kg	302393,19	5205,67
A5	Recycled crushed ri	155360 kg	18762,2	299,06
A5	Electricity, Sweden,	58669 kWh	3043,63	31,11
A5	Electricity, Sweden,	61275 kWh	3178,82	32,49
A5	Diesel	177860 l	576266,4	844,83
A5	Biodiesel, vegetabl	23865 l	22673,84	95,46
A5	Ready-mix and prel	250 kg	0	0
Subtotal for A5:			2099060,9	9300,04
B4-B5-wasteAndTr	Asphalt for paving r	3001 ton	149997,86	1579,06
Subtotal for B4-B5-wasteAndTransport:			149997,86	1579,06
C1-C4_EOL	Structural steel sec	48,5 ton	39,13	0,231
C1-C4_EOL	Structural steel sec	5,7 ton	4,6	0,0272
C1-C4_EOL	Structural steel sec	3,05 ton	2,46	0,0146

C1-C4_EOL	Asphalt for paving i	3001 ton	8190,34	64,21
C1-C4_EOL	Ready-mix and prei	250 kg	0,682	0,00535
Subtotal for C1-C4_EOL:			8237,21	64,48
D-complete	Structural steel sec	48,5 ton	-2592,62	-10,08
D-complete	Structural steel sec	5,7 ton	-304,7	-1,19
D-complete	Structural steel sec	3,05 ton	-163,04	-0,634
D-complete	Asphalt for paving i	3001 ton	-75697,51	-124,63
D-complete	Ready-mix and prei	250 kg	-6,57	-0,0137
Subtotal for D-complete:			-78764,43	-136,54
Total:			5218232,7	19213,13

Eutrophication	Ozone Depletion	Formation of acid equivalents	Abiotic depletion (fossil fuels)	Abiotic depletion (minerals)	Biogenic carbon dioxide	Use of net primary production	Hazardous waste
9,61	1,25E-08	19	0,0239	526298,28	0	203,22	0,000514
1,13	1,47E-09	2,23	0,0028	61853,61	0	23,88	0,0000604
0,604	7,88E-10	1,19	0,0015	33097,11	0	12,78	0,0000323
2,67	0,0000227	1,27	0,0353	927848,05	0	127,23	24,43
813	0,0289	247,2	0,495	4110000	0	15630	0
0,000232	1,83E-08	0,0000945	1,12E-06	6,09	0	0,00489	0,000113
0,879	1,15E-07	0,643	0,00287	345217,8	0	45,77	0,00484
0,311	7,17E-06	0,14	0,000254	65620,53	0	8,26	2,59
2,93	0,000179	0,131	4,54	8784,26	0	182,91	0,0326
0,299	0,0000183	0,0134	0,463	896,55	0	18,67	0,00333
0,687	0,0000705	0,0831	0,00335	4429,75	0	2,05	0,00643
0,0671	6,89E-06	0,00811	0,000327	432,59	0	0,2	0,000628
534,93	0,0358	39,71	1376,15	3079006,2	0	1319,8	1,15
11,7	0,000784	0,869	30,11	67359,47	0	28,87	0,0252
37,13	0,00249	2,76	95,51	213695,93	0	91,6	0,08
5,65	0,000378	0,419	14,53	32504,2	0	13,93	0,0122
11,94	0,0008	0,887	30,73	68748,57	0	29,47	0,0257
0,249	0,0000167	0,0185	0,64	1431,08	0	0,613	0,000536
0	0	0	0	0	0	0	0
300,1	0,0081	156,05	0,096	9993330	0	4891,63	0,42
0,00819	6,53E-07	0,00421	0,0000646	116,5	0	0,303	0,00367
1733,9	0,0776	472,64	1553,32	19540677	0	22631,19	28,79
0,0577	0,0000115	0,00376	0,423	1679,3	0	0	0,000228
0,0677	0,0000135	0,00442	0,497	1971,04	0	0	0,000268
0,0545	0,0000109	0,00355	0,399	1584,97	0	0	0,000215
0,0378	7,54E-06	0,00246	0,277	1098,35	0	0	0,000149
4,87	0,000974	0,318	35,73	141830,95	0	0	0,0193
0,277	0,0000554	0,0181	2,03	8067,38	0	0	0,0011
6,24	0,00125	0,407	45,75	181615,57	0	0	0,0247
0,52	0,000104	0,0339	3,81	15122,42	0	0	0,00205
1,96	0,000392	0,128	14,36	57002,86	0	0	0,00774
0,0677	0,0000135	0,00442	0,497	1971,04	0	0	0,000268
1,37	0,000273	0,089	10,01	39728,26	0	0	0,0054
2,08	0,000415	0,135	15,23	60460,02	0	0	0,00821
30,12	0,00602	1,96	220,77	876361,57	0	0	0,119
0,503	0,0001	0,0328	3,69	14630,48	0	0	0,00199
277,14	0,0554	18,07	2031,32	8063336,7	0	0	1,1
0,114	0,0000228	0,00743	0,835	3314,56	0	0	0,00045
1,21	0,000242	0,079	8,88	35245,58	0	0	0,00479
326,69	0,0653	21,3	2394,51	9505021,1	0	0	1,29
0,316	0,0000611	0,0175	2,24	8849,5	0	0	0,00121
2,73	0,000527	0,151	19,33	76360,92	0	0	0,0104
10,95	0,00211	0,604	77,54	306336,3	0	0	0,0418
3,1	0,000611	0,174	22,4	88204,34	0	0	0,0121
0,365	0,0000718	0,0205	2,63	10366,28	0	0	0,00142
0,195	0,0000384	0,011	1,41	5546,87	0	0	0,00076
0,0485	0,0000097	0,00316	0,356	1412,13	0	0	0,000192

127,46	0,0104	19,59	121,95	1465594,8	0	13,71	0,213
0,0000534	1,07E-08	3,48E-06	0,000391	1,55	0	0	2,11E-07
0,287	0,0000566	0,0162	2,08	8172,65	0	0	0,00112
0,0022	4,33E-07	0,000124	0,0159	62,48	0	0	8,56E-06
3,12	0,000624	0,204	22,88	90840,13	0	0	0,0123
0,0000903	1,8E-08	5,89E-06	0,000662	2,63	0	0	3,57E-07
148,58	0,0145	20,8	272,84	2061750,6	0	13,71	0,295
0	0	0	0	0		0	0
0	0	0	0	0		0	0
0	0	0	0	0		0	0
11,88	0,00385	2,07	166,73	266532,88		13,9	0,373
7,03	0,00243	1,37	107,07	150307,43		9,67	0,254
0,875	0,000206	0,191	1,23	19158,44		0,82	0,0093
0,733	0,000175	0,168	0,753	15740,67		0,731	0,00811
0,468	0,00011	0,102	0,655	10243,07		0,438	0,00497
179,45	0,0106	78,48	0,91	560205,11		62,54	59001,78
564,47	0,00535	135,27	221,97	520195,74		454,15	0,0108
425,49	0,0527	65,61	10,96	4860353		518,44	3,88
136,36	0,0175	20,25	60,29	1691848,3		156,53	1,2
0,912	0,0000104	0,019	0,0518	1058,67		0,0917	0,00115
0	0	0	0	0		0	0
0	0	0	0	0		0	0
0	0	0	0	0		0	0
0	0	0	0	0		0	0
0	0	0	0	0		0	0
0	0	0	0	0		0	0
0	0	0	0	0		0	0
0	0	0	0	0		0	0
18,55	0,0105	9,33	0,00786	816571,87		43,22	0,218
3,64	0,00205	1,83	0,00154	160390,59		8,49	0,0428
1,39	0,000781	0,697	0,000587	60981,84		3,23	0,0163
9,93	0,0056	5	0,00421	437133,94		23,14	0,117
3,03	0,00171	1,52	0,00128	133224		7,05	0,0356
13,3	0,0075	6,69	0,00564	585630,5		31	0,156
19,48	0,011	9,8	0,00825	857356,77		45,38	0,229
0,122	0,0000688	0,0614	0,0000518	5372,82		0,284	0,00143
0	0	0	0	0		0	0
783,43	0,056	109,56	294,39	7841280,3		92,71	1,16
45,6	0,0035	6,22	30,17	491441		5,17	0,0719
8,05	0,000112	1,44	0,0535	540241,75		633,45	229,66
8,41	0,000117	1,5	0,0559	564238,58		661,59	239,86
172,52	0,0973	86,8	0,0731	7594622		401,96	2,03
41,45	0,00241	14,03	0,104	203903,19		612,74	0,271
0	0	0	0	0		0	0
2456,56	0,292	558	895,49	28388032		3786,72	59481,38
316,52	0,00873	162,6	23	10238355		4933,88	0,438
316,52	0,00873	162,6	23	10238355		4933,88	0,438
0,0315	3,69E-11	0,0184	0,000014	506,21		0,0995	8,29E-06
0,00371	4,33E-12	0,00217	1,65E-06	59,49		0,0117	9,74E-07
0,00198	2,32E-12	0,00116	8,83E-07	31,83		0,00626	5,21E-07

13,3	6,54E-09	6,35	0,015	154184,95	42,25	0,00555
0,00111	5,45E-13	0,000529	1,25E-06	12,84	0,00352	4,62E-07
13,34	6,59E-09	6,37	0,015	154795,32	42,37	0,00556
-0,846	2,88E-08	-1,5	-0,0000263	-24173,37	-1,66	0,0035
-0,0994	3,39E-09	-0,176	-3,09E-06	-2840,99	-0,195	0,000411
-0,0532	1,81E-09	-0,094	-1,65E-06	-1520,18	-0,104	0,00022
-23,69	-2,25E-07	-5,44	-0,0465	-795182,74	-504,78	-0,0116
-0,00472	-1,64E-07	-0,000799	-0,0000202	-25,65	-0,00792	-0,0000508
-24,69	-3,55E-07	-7,21	-0,0465	-823742,94	-506,75	-0,00757
4995,6	0,458	1241,71	5139,16	69888631	0	31407,87
						59512,21

Non hazard	Radioactiv	Mass of ra	Question	Comment	Cost item	Service life	CESMM4	Resource s
393,34	24,3	48500	Constructio	RD-rör		As building	Not selecte	Structural s
46,23	2,86	5700	Constructio	Plåt		As building	Not selecte	Structural s
24,74	1,53	3050	Constructio	Mai stag		As building	Not selecte	Structural s
542,88	0,0648	6107,09	Geotechnic	Vutec (från		As building	Not selecte	Plastic mer
1302000	0	3000000	Geotechnic	Vi tar denn		As building	Not selecte	Cement
0,109	0	1,4	Geotechnic	Kör med de	50.0	Not selecte	Mortar (mä	
111,52	5,88	3531	Geotechnic			Not selecte	Plastic prof	
19,93	0,0562	520	Geotechnic		As building	Not selecte	Plastic prof	
213,7	0,197	153630	Masses sol	4-8, 8-16; E		Not selecte	Sand, soil a	
21,81	0,0201	15680	Masses sol	4-8, 8-16; E		Not selecte	Sand, soil a	
46,02	0,0682	145000	Masses sol	DKLBC Trol		Not selecte	Sand, soil a	
4,49	0,00666	14160	Masses sol	Swerock - C		Not selecte	Sand, soil a	
4706,65	20,02	33735860	Masses sol	Container h		Not selecte	Sand, soil a	
102,97	0,438	738040	Masses sol	4-8, 8-16; E		Not selecte	Sand, soil a	
326,66	1,39	2341410	Masses sol	Swerock - C		Not selecte	Sand, soil a	
49,69	0,211	356140	Masses sol	NCC ballast		Not selecte	Sand, soil a	
105,09	0,447	753260	Masses sol	Gillinge kro		Not selecte	Sand, soil a	
2,19	0,00931	15680	Masses sol	DKLBC Mal		Not selecte	Sand, soil a	
0	0	9449750	Masses sol	Container h		Not selecte	Recycled sc	
12004	2,85	3001000	Pavings an	ECO asfalt,	30	Not selecte	Asphalt	
0,216	0,0072	250	Systems	Specifikt le	As building	Not selecte	Ready-mix	
1320722	60,35	53787269						
0,178	0,00652	153630	Masses sol	4-8, 8-16; E		Not selecte	Sand, soil a	
0,209	0,00765	15680	Masses sol	4-8, 8-16; E		Not selecte	Sand, soil a	
0,168	0,00615	145000	Masses sol	DKLBC Trol		Not selecte	Sand, soil a	
0,116	0,00426	14160	Masses sol	Swerock - C		Not selecte	Sand, soil a	
15,02	0,551	33735860	Masses sol	Container h		Not selecte	Sand, soil a	
0,855	0,0313	738040	Masses sol	4-8, 8-16; E		Not selecte	Sand, soil a	
19,24	0,705	2341410	Masses sol	Swerock - C		Not selecte	Sand, soil a	
1,6	0,0587	356140	Masses sol	NCC ballast		Not selecte	Sand, soil a	
6,04	0,221	753260	Masses sol	Gillinge kro		Not selecte	Sand, soil a	
0,209	0,00765	15680	Masses sol	DKLBC Mal		Not selecte	Sand, soil a	
4,21	0,154	9449750	Masses sol	Container h		Not selecte	Recycled sc	
6,4	0,235	14381000	Removed n	Containerh		Not selecte	Recycled sc	
92,84	3,4	11177000	Removed n	SRV Gladö		Not selecte	Recycled sc	
1,55	0,0568	870000	Removed n	DKLBC Sika		Not selecte	Recycled sc	
854,19	31,3	93104000	Removed n	Högbytorp		Not selecte	Recycled sc	
0,351	0,0129	36000	Removed n	Löt (Sörab)		Not selecte	Recycled sc	
3,73	0,137	621000	Removed n	DA Mattsol		Not selecte	Recycled sc	
1006,92	36,9	1,68E+08						
0,942	0,0345	211500	Additional	Alla arbets		Not selecte	Transport c	
8,13	0,298	73000	Additional	Arkils arbet		Not selecte	Transport c	
32,61	1,19	136000	Additional	Arkils arbet		Not selecte	Transport c	
9,42	0,345	48500	Constructio	RD-rör	As building	Not selecte	Structural s	
1,11	0,0406	5700	Constructio	Plåt	As building	Not selecte	Structural s	
0,592	0,0217	3050	Constructio	Mai stag	As building	Not selecte	Structural s	
0,15	0,00548	6107,09	Geotechnic	Vutec (från	As building	Not selecte	Plastic mer	

178,96	5,89	6000000	Geotechnic Vi tar denn	As building	Not selecte Cement
0,000165	6,03E-06	1,4	Geotechnic Kör med de	50.0	Not selecte Mortar (mä
0,873	0,032	7062	Geotechnic		Not selecte Plastic prof
0,00667	0,000244	520	Geotechnic	As building	Not selecte Plastic prof
9,62	0,353	3001000	Pavings and ECO asfalt,	30	Not selecte Asphalt
0,000278	1,02E-05	250	Systems Specifikt le	As building	Not selecte Ready-mix
242,41	8,22	9492690			
0	0	211500	Additional Alla arbets		Not selecte Transport c
0	0	73000	Additional Arkils arbet		Not selecte Transport c
0	0	136000	Additional Arkils arbet		Not selecte Transport c
17,34	0,635	4968000	Constructic DKLBC Sika		Not selecte Other wast
8,31	0,304	3456000	Constructic Högbysorp		Not selecte Other wast
73880,52	0,116	147760	Constructic DKLBC Sika		Not selecte Mineral wa
65860,32	0,0985	131720	Constructic Högbysorp		Not selecte Mineral wa
39500,28	0,0622	79000	Constructic DKLBC Sika		Not selecte Mineral wa
26609,28	1,59	118000	Constructic Högbysorp		Not selecte Other wast
1746118	0,307	3492220	Constructic Högbysorp		Not selecte Mineral wa
19273005	30,04	38546000	Constructic Containerh		Not selecte Mineral wa
5819095	9,95	11638140	Constructic SRV Gladö		Not selecte Mineral wa
280,51	0,00607	6240	Constructic DKLBC Mal		Not selecte Organic wa
0	0	0	Constructic RD-rör	As building	Not selecte Structural s
0	0	0	Constructic Plåt	As building	Not selecte Structural s
0	0	0	Constructic Mai stag	As building	Not selecte Structural s
0	0	0	Geotechnic Vutec (från	As building	Not selecte Plastic mer
0	0	0	Geotechnic Vi tar denn	As building	Not selecte Cement
0	0	0	Geotechnic Kör med de	50.0	Not selecte Mortar (mä
0	0	0	Geotechnic		Not selecte Plastic prof
0	0	0	Geotechnic	As building	Not selecte Plastic prof
353,78	5,87	0	Machine h Bandgrävar		Not selecte Machine o
69,49	1,15	0	Machine h Laddgrävar		Not selecte Machine o
26,42	0,438	0	Machine h Långgrävar		Not selecte Machine o
189,39	3,14	0	Machine h Hjulgrävar		Not selecte Machine o
57,72	0,958	0	Machine h Borragggreg		Not selecte Machine o
253,73	4,21	0	Machine h proxy för K		Not selecte Machine o
371,45	6,16	0	Machine h Hjullastare,		Not selecte Machine o
2,33	0,0386	0	Machine h Proxy för G		Not selecte Machine o
0	0	0	Pavings and ECO asfalt,	30	Not selecte Asphalt
987,6	31,68	2122500	Site and pri Dummy for	As building	Not selecte Recycled sc
60,86	1,98	466080	Site and pri Dummy for	As building	Not selecte Recycled sc
5386,81	10,05	0	Site electric El för boda		Not selecte Electricity
5626,09	10,5	0	Site electric Övrigt el		Not selecte Electricity
3290,41	54,6	0	Site fuel co Allt diesel s		Not selecte Oil based fi
2497,6	0,592	0	Site fuel co Allt HVO so		Not selecte Oil based fi
0	0	0	Systems Specifikt le	As building	Not selecte Ready-mix
27063548	174,48	65592160			
12086,89	4,54	6002000	Pavings and ECO asfalt,	30	Not selecte Asphalt
12086,89	4,54	6002000			
2429,21	0,00708		Constructic RD-rör	As building	Not selecte Structural s
285,49	0,000832		Constructic Plåt	As building	Not selecte Structural s
152,76	0,000445		Constructic Mai stag	As building	Not selecte Structural s

73,27	1,33	Pavings and ECO asphalt,	30	Not selecte Asphalt
0,0061	0,000111	Systems Specifikt le	As building	Not selecte Ready-mix
2940,74	1,34			
-37,39	0,509	Constructic RD-rör	As building	Not selecte Structural s
-4,39	0,0598	Constructic Plåt	As building	Not selecte Structural s
-2,35	0,032	Constructic Mai stag	As building	Not selecte Structural s
-815,01	-66,22	Pavings and ECO asphalt,	30	Not selecte Asphalt
-0,448	-0,00011	Systems Specifikt le	As building	Not selecte Ready-mix
-859,59	-65,62			
28400548	285,83	3,03E+08		

Uni class	CSI master Constructi	Occurrence	Original cl	Environme	Resource	Transformation
P4	5			EPD Structi	Structural steel sections and plate	
P4	5			EPD Structi	Structural steel sections and plate	
P4	5			EPD Structi	Structural steel sections and plate	
P7	7			One Click L	Geotextile, generic	
P2	9			EPD Portlai	Portland fly ash cement, CEM II	
P2	4			EPD weber	Mortar, highly flowable, fine	
P7	6	PVC pipe		ÖKOBAUD	Transparent board PVC	
P7	6	Drainage pipe, plastic, HDPE		One Click L	High density polyethylene (HDPE)	
P3	31			One Click L	Macadam (8...16 mm), dry bulk de	
P3	31			One Click L	Macadam (8...16 mm), dry bulk de	
P3	31			One Click L	Sand, compacted dry density	
P3	31			One Click L	Sand, compacted dry density	
P3	31			One Click L	Crushed rock (0...100 mm), dry bul	
P3	31			One Click L	Crushed rock (0...100 mm), dry bul	
P3	31			One Click L	Crushed rock (0...100 mm), dry bul	
P3	31			One Click L	Crushed rock (0...100 mm), dry bul	
P3	31			One Click L	Crushed rock (0...100 mm), dry bul	
P3	31			One Click L	Crushed rock (0...100 mm), dry bul	
P3	31			One Click L	Crushed concrete	
P3	31	30		EPD ECO-A	Asphalt for paving roads	
P2	3			EPD Underl	Ready-mix and prefabricated conc	
P3	31			One Click L	Macadam (Dumper truck, 19 ton c	
P3	31			One Click L	Macadam (Dumper truck, 19 ton c	
P3	31			One Click L	Sand, comf Dumper truck, 19 ton c	
P3	31			One Click L	Sand, comf Dumper truck, 19 ton c	
P3	31			One Click L	Crushed ro Dumper truck, 19 ton c	
P3	31			One Click L	Crushed ro Dumper truck, 19 ton c	
P3	31			One Click L	Crushed ro Dumper truck, 19 ton c	
P3	31			One Click L	Crushed ro Dumper truck, 19 ton c	
P3	31			One Click L	Crushed ro Dumper truck, 19 ton c	
P3	31			One Click L	Crushed ro Dumper truck, 19 ton c	
P3	31			One Click L	Crushed co Dumper truck, 19 ton c	
P3	31			One Click L	Recycled n Dumper truck, 19 ton c	
P3	31			One Click L	Recycled n Dumper truck, 19 ton c	
P3	31			One Click L	Recycled n Dumper truck, 19 ton c	
P3	31			One Click L	Recycled n Dumper truck, 19 ton c	
P3	31			One Click L	Recycled n Dumper truck, 19 ton c	
P3	31			One Click L	Recycled n Dumper truck, 19 ton c	
of goods, Road				Transporte	Trailer combination, 40	
of goods, Road				Transporte	Trailer combination, 40	
of goods, Road				Transporte	Trailer combination, 40	
P4	5			EPD Structi	Structural s Trailer combination, 40	
P4	5			EPD Structi	Structural s Trailer combination, 40	
P4	5			EPD Structi	Structural s Trailer combination, 40	
P7	7			One Click L	Geotextile, Dumper truck, 19 ton c	

P2	9		EPD Portland	Portland fly	Ship, container, Baltic s
P2	4		EPD weber	Mortar, hig	Dumper truck, 19 ton c
P7	6	PVC pipe	ÖKOBAUD	Transparen	Trailer combination, 40
P7	6	Drainage pipe, plastic, HDPE	One Click L	High densit	Trailer combination, 40
P3	31	30	EPD ECO-A	Asphalt for	Dumper truck, 19 ton c
P2	3		EPD Under	Ready-mix	Dumper truck, 19 ton c
of goods, Road					Transported mass
of goods, Road					Transported mass
of goods, Road					Transported mass
e					Asphalt waste
e					Asphalt waste
ste					Concrete crushing and landfilling
ste					Concrete crushing and landfilling
ste					Concrete crushing and landfilling
e					Hazardous waste
ste					Contaminated Soil Waste to landfi
ste					Inert waste landfilling
ste					Inert waste landfilling
ste and paper					Biowaste
P4	5		EPD Struct	Structural steel sections and plate	
P4	5		EPD Struct	Structural steel sections and plate	
P4	5		EPD Struct	Structural steel sections and plate	
P7	7		One Click L	Geotextile, generic	
P2	9		EPD Portla	Portland fly ash cement, CEM II	
P2	4		EPD weber	Mortar, highly flowable, fine	
P7	6	PVC pipe	ÖKOBAUD	Transparent board PVC	
P7	6	Drainage pipe, plastic, HDPE	One Click L	High density polyethylene (HDPE)	
eration			LCA for ma	Excavator, crawler, diesel-driven, c	
eration			LCA for ma	Excavator, crawler, diesel-driven, c	
eration			LCA for ma	Excavator, crawler, diesel-driven, c	
eration			LCA for ma	Excavator, wheeled, diesel-driven,	
eration			LCA for ma	Surface drill rig (+A1&A2)	
eration			LCA for ma	Surface drill rig (+A1&A2)	
eration			LCA for ma	Wheel loaders, diesel-driven, oper	
eration			LCA for ma	Other diesel-driven machinery ope	
P3	31	30	EPD ECO-A	Asphalt for paving roads	
P3	31		One Click L	Recycled crushed rock (0...100 mm	
P3	31		One Click L	Recycled crushed rock (0...100 mm	
P8	1		LCA study f	Electricity, Sweden, 2019	
P8	1		LCA study f	Electricity, Sweden, 2019	
P8	1		LCA invent	Diesel	
P8	1		LCA invent	Biodiesel, vegetable oil-based	
P2	3		EPD Under	Ready-mix and prefabricated conc	
P3	31	30	EPD ECO-A	Asphalt for paving roads	
P4	5		EPD Struct	Structural s	End of life of steel prof
P4	5		EPD Struct	Structural s	End of life of steel prof
P4	5		EPD Struct	Structural s	End of life of steel prof

P3	31	30	EPD ECO-A Asphalt for Preparation of constru
P2	3		EPD Underl Ready-mix Preparation of constru
P4	5		EPD Structl Structural sEnd of life of steel prof
P4	5		EPD Structl Structural sEnd of life of steel prof
P4	5		EPD Structl Structural sEnd of life of steel prof
P3	31	30	EPD ECO-A Asphalt for Crushed stone
P2	3		EPD Underl Ready-mix Concrete waste recycli

-) ton capacity, 50% fill rate (+A1&A2)
-) ton capacity, 50% fill rate (+A1&A2)
-) ton capacity, 50% fill rate (+A1&A2)
-) ton capacity, 100% fill rate (+A1&A2)
-) ton capacity, 100% fill rate (+A1&A2)
-) ton capacity, 100% fill rate (+A1&A2)

) ton capacity, 100% fill rate (+A1&A2)

) ton capacity, 100% fill rate (+A1&A2)

