

Phase 1 Habitat Category	Habitat Area: Pre Works (Hectares)	Habitat Area: Post Works (Hectares)	Habitat Categories from the European Commission			Carbon Calculations		CO2 Conversions	
			Climate Region Selected	Habitat Type Selected	C. veg (tonnes or carbon per hectare of habitat type selected)	Total C Veg, tonnes (Pre Works)	Total C Veg, tonnes (Post Works)	Total tCO2 (Pre Works)	Total tCO2 (Post Works)
A1.1.1 Woodland- Broadleaved - Semi natural	7.42	0	Cold temperate, moist	Forest (plantation)- broadleaf over 20 years old	60	445	0	1,632	-
A1.1.2 Woodland- Broadleaved - Plantation	2.21	0.14		Forest (plantation)- broadleaf over 20 years old	60	133	8	486	31
A1.1.2 Woodland- Broadleaved - Plantation	0.00	82.15		Forest (plantation)- broadleaf over 20 years old	60	0	4929	-	18,073
A1.2.2 Woodland - Coniferous - Plantation	0.20	0		Forest (plantation)- coniferous over 20 years old	60	12	0	44	-
A1.2.2 Woodland - Coniferous - Plantation	0.00	0.18		Forest (plantation)- coniferous over 20 years old	60	0	11	-	40
A1.3.2 Woodland - Mixed - Plantation	1.07	0		Forest (plantation)- broadleaf over 20 years old	60	64	0	235	-
A1.3.2 Woodland - Mixed - Plantation	0.00	2.35		Forest (plantation)- broadleaf over 20 years old	60	0	141	-	517
A3.1 Parkland and scattered trees - Broadleaved	0.31	0.14		Forest (plantation)- broadleaf under 20 years old	9	3	1	10	5
A3.1 Parkland and scattered trees - Broadleaved Urban Street Trees	0.14	0.114		Forest (plantation)- broadleaf under 20 years old	9	1	1	5	4
A3.1 Parkland and scattered trees - Broadleaved Parkland Scattered Trees	0.96	0.76		Forest (plantation)- broadleaf under 20 years old	9	9	7	32	25
J2.3 Boundaries - Hedges - With trees	1.77	1,6815		Forest (not plantation)- 10-30% canopy cover	14	25	24	91	86
B2.2 Neutral grassland - Semi- improved and species rich	7.38	176.78		Grassland	6.8	50	1202	184	4,408
B4 Improved grassland	40.40	20.88		Grassland	6.8	275	142	1,007	521
B5 Marsh/ marshy grassland	0.00	12.37		Grassland	6.8	0	84	-	308
B6 Poor Semi-improved grassland	21.35	9.7		Grassland	6.8	145	66	532	242
J1.1 Cultivated/ disturbed land - amenity grassland	2.56	38.92		Grassland	6.8	17	265	64	970
C3.1 Tall Ruderal	4.61	0.83		Scrubland	7.4	34	6	125	23
F1 Swamp (W08 Reedbeds)	3.61	2.12		Scrubland	7.4	27	16	98	58
J1.1 Cultivated/ disturbed land - arable/arable margin	498.88	197.67		Cropland	6.8	3392	1344	12,439	4,929
A2.1 Scrub - Dense/ continuous & A2.2 Scrub- scattered	18.17	10.54		Scrubland	7.4	134	78	493	286
J2.1 Boundaries - Hedges - Intact	1.18	3.345		Scrubland	7.4	9	25	32	91
J2.2 Boundaries - Hedges - Defunct	1.53	0		Scrubland	7.4	11	0	42	-
J2. 6 Dry Ditch	0.06	0		Scrubland	7.4	0	0	2	-

Sum	Sum	Variation
17,553	30,615	13,061