

Cumulative carbon impact by site

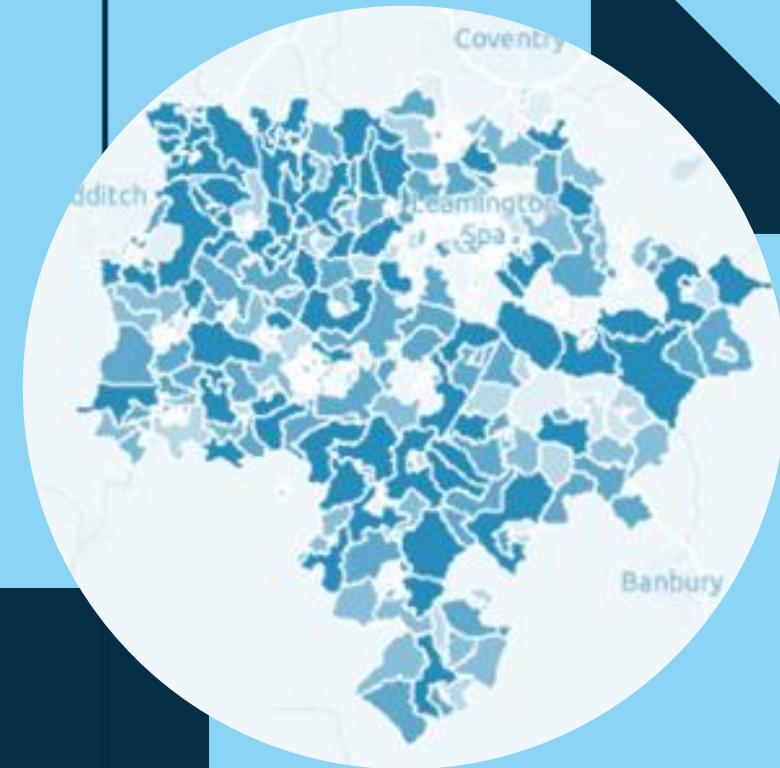
South Warwickshire Local Plan

Scenario Golf

Site-by-site analysis

V2.0

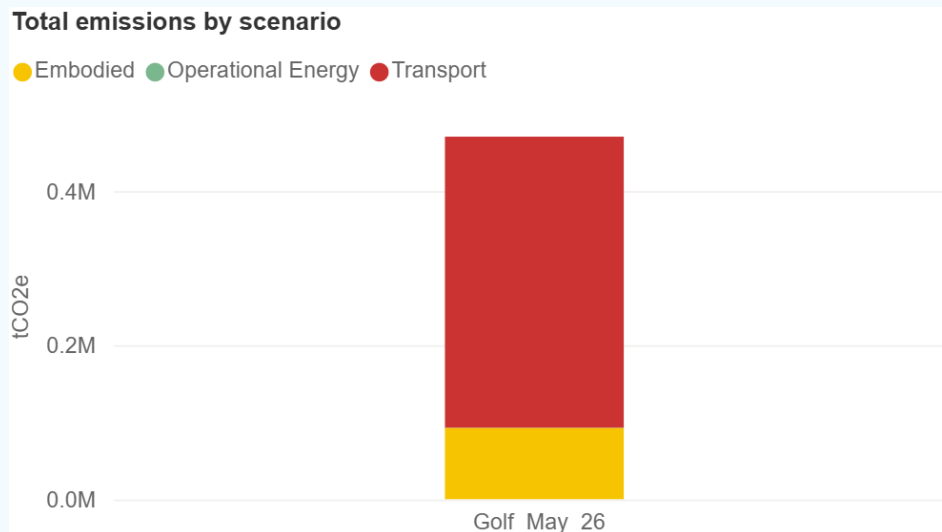
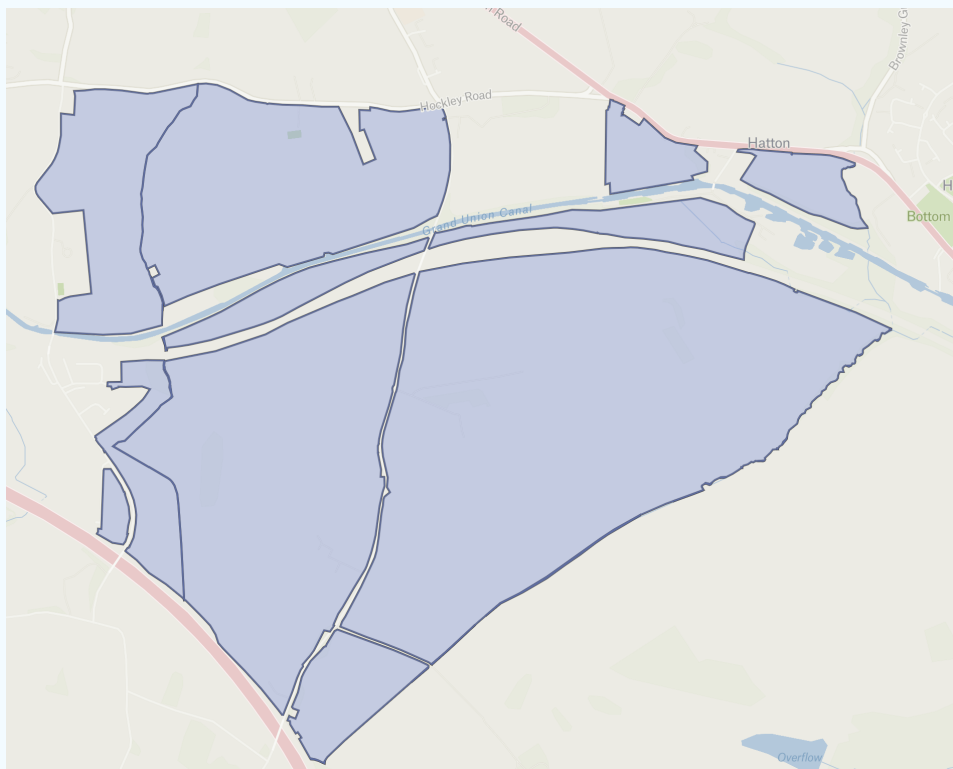
May 2026





Golf B1, Hatton Warwick

Site name	Location category	Dwellings	Total tCO2e	Resi Embodied tCO2e	Non Resi Embodied tCO2e	Resi Operational Energy tCO2e	Resi Operational Elec kWh	Non Resi Operational Elec tCO2e	Non Resi Operational Elec kWh	Bus tCO2e	Bus km	Elec Car tCO2e	Elec Car km	Non Elec tCO2e	Non Elec Car km
B1	Rural town and fringe	4,000	470,480	70,239	22,521.89	130	121,771,508.5	60	55,853,933.5	180,136.1	1,200,907,300	2,734.659	16,450,214,014	194,658.7	926,945,986



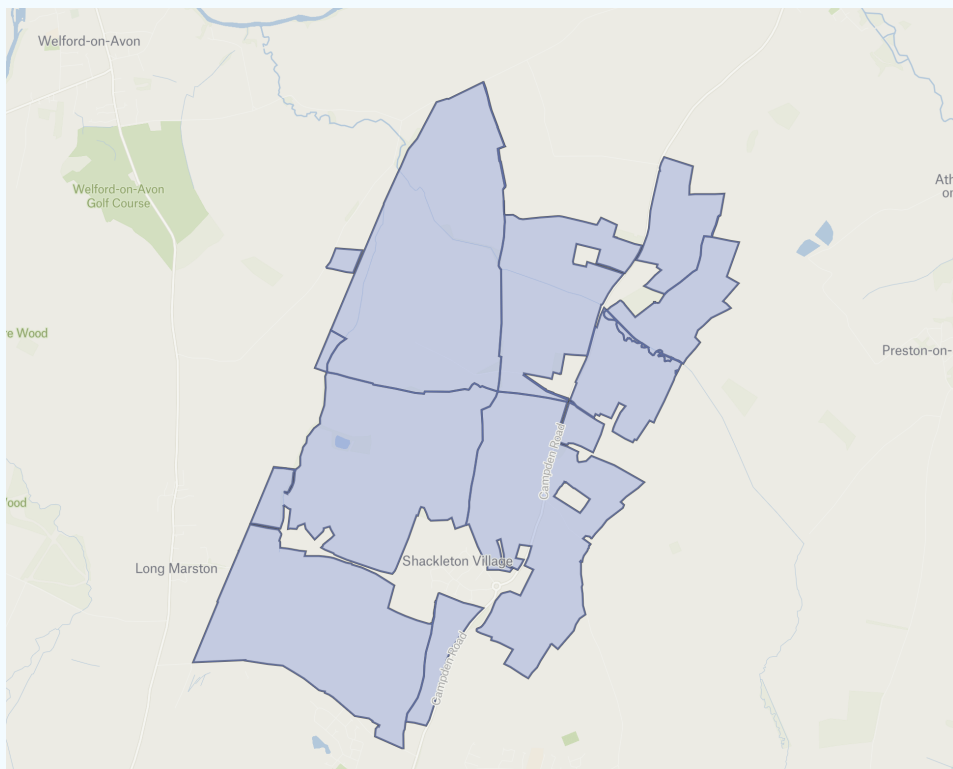
**Carbon per dwelling
over the local plan
period:**

117.62 tCO2e



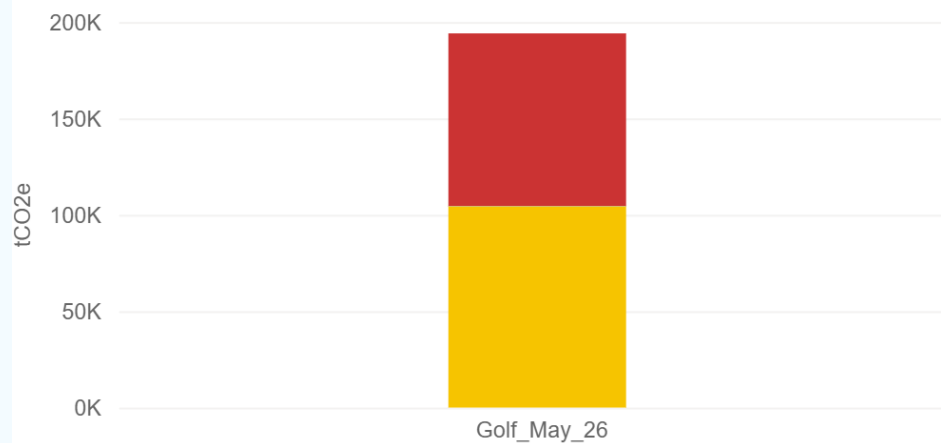
Golf E1, Long Marston Airfield Stratford-Upon-Avon

Site name	Location category	Dwellings	Total tCO2e	Resi Embodied tCO2e	Non Resi Embodied tCO2e	Resi Operational Energy tCO2e	Resi Operational Elec kWh	Non Resi Operational Elec tCO2e	Non Resi Operational Elec kWh	Bus tCO2e	Bus km	Elec Car tCO2e	Elec Car km	Non Elec tCO2e	Non Elec Car km
E1	Rural village and dispersed	4,500	194,105	79,038	25,362.63	106	129,512,859.4	49	59,462,645	39,927.4	26,618,270	705.1225	4,075,473,285	48,917.38	232,939,886



Total emissions by scenario

● Embodied ● Operational Energy ● Transport



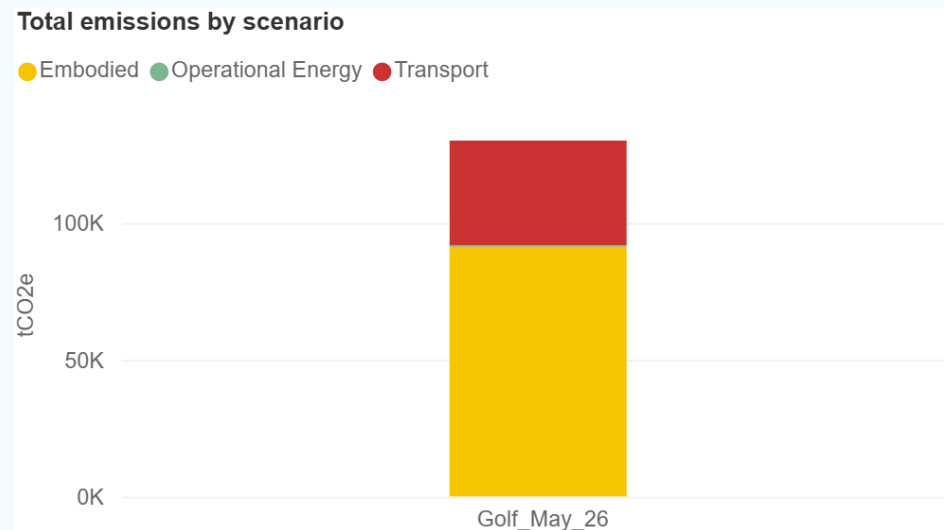
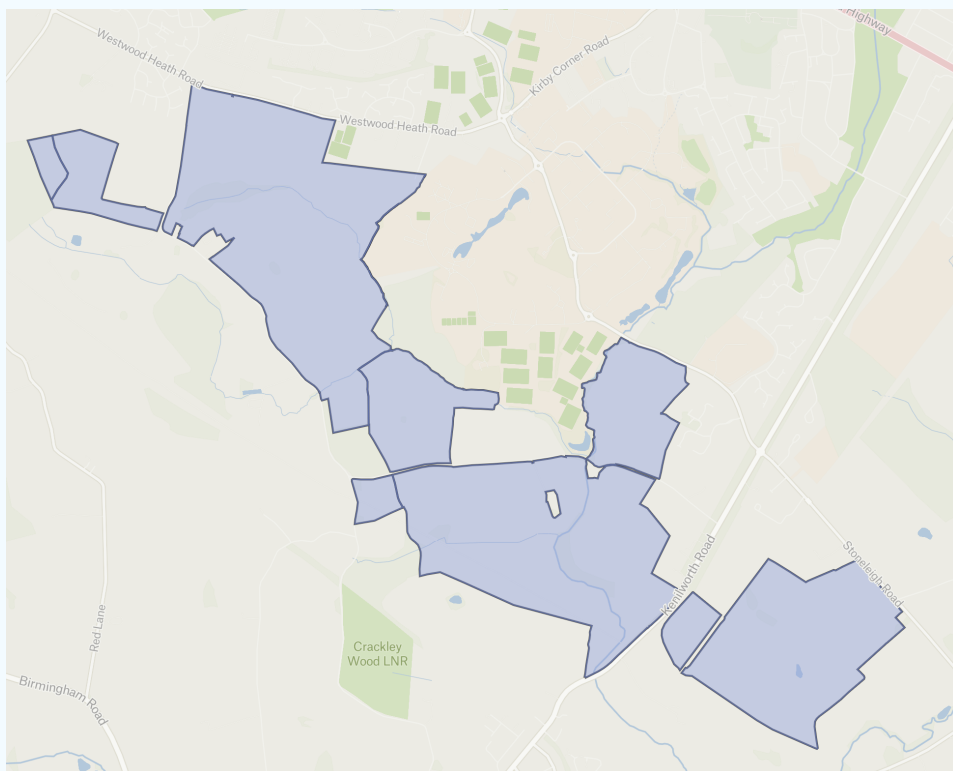
Carbon per dwelling
over the local plan
period:

43.13 tCO2e



Golf SG01, South of Coventry Warwick

Site name	Location category	Dwellings	Total tCO2e	Resi Embodied tCO2e	Non Resi Embodied tCO2e	Resi Operational Energy tCO2e	Resi Operational Elec kWh	Non Resi Operational Elec tCO2e	Non Resi Operational Elec kWh	Bus tCO2e	Bus km	Elec Car tCO2e	Elec Car km	Non Elec tCO2e	Non Elec Car km
SG01	Urban city and town	3,940	130,054	68,338	22,948.5	362	146,914,472.1	171	69,333,317.7	17,320.66	115,471,036	569.3654	1,149,006,337	20,346.39	96,887,556

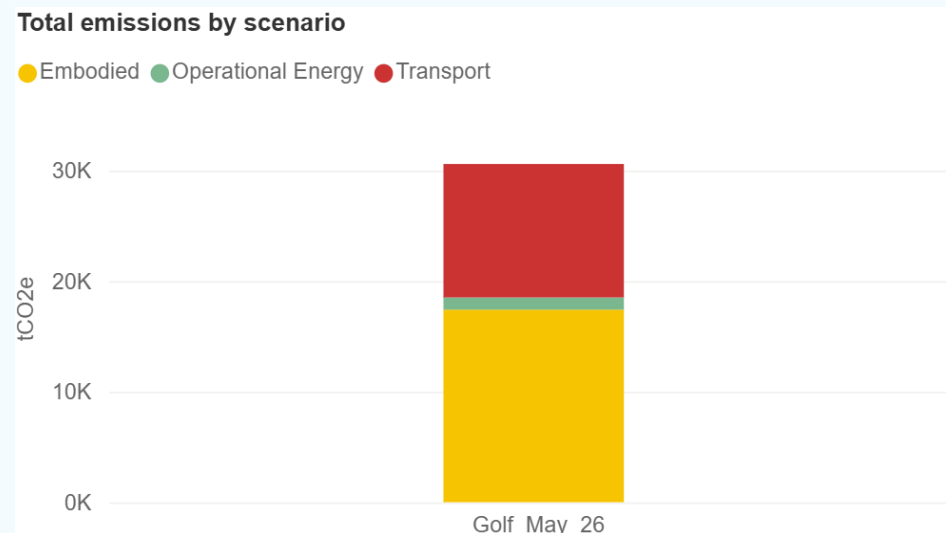
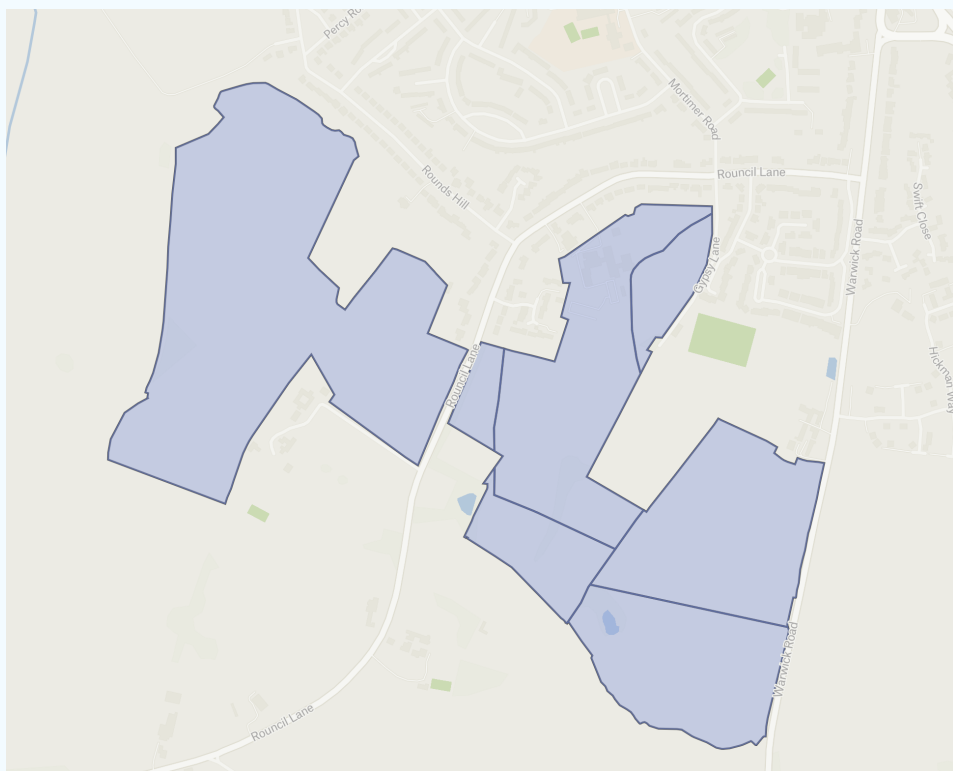


**Carbon per dwelling
over the local plan
period:
33 tCO2e**



Golf SG04, South of Kenilworth Warwick

Site name	Location category	Dwellings	Total tCO2e	Resi Embodied tCO2e	Non Resi Embodied tCO2e	Resi Operational Energy tCO2e	Resi Operational Elec kWh	Non Resi Operational Elec tCO2e	Non Resi Operational Elec kWh	Bus tCO2e	Bus km	Elec Car tCO2e	Elec Car km	Non Elec tCO2e	Non Elec Car km
SG04	Urban city and town	751	30,589	13,069	4,346.48	752	44,194,290.21	352	20,749,986.9	2,420.815	16,138,765	599.7981	189,391,479	9,050.27	43,096,509

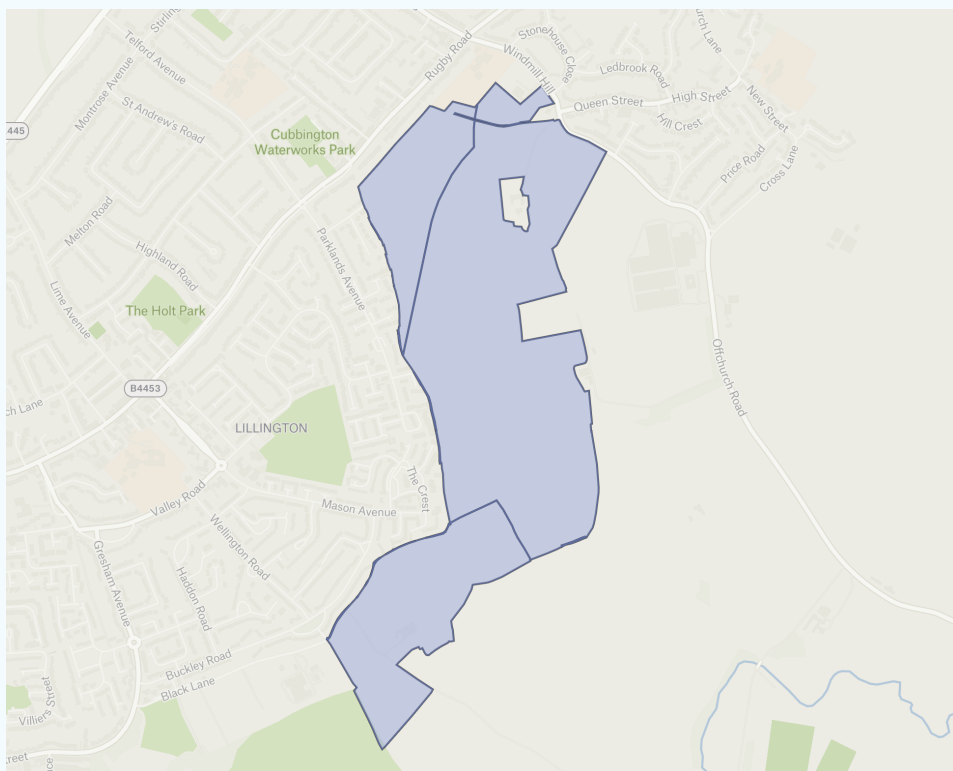


**Carbon per dwelling
over the local plan
period:
40.73 tCO2e**



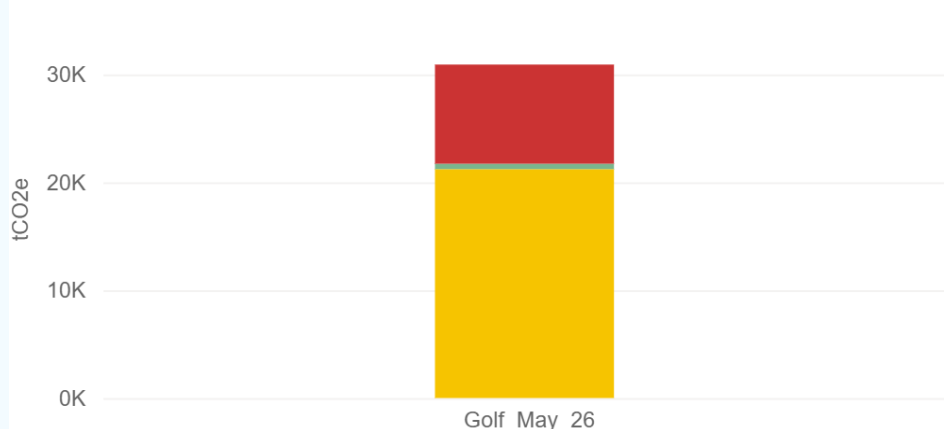
Golf SG05, East of Lillington Warwick

Site name	Location category	Dwellings	Total tCO2e	Resi Embodied tCO2e	Non Resi Embodied tCO2e	Resi Operational Energy tCO2e	Resi Operational Elec kWh	Non Resi Operational Elec tCO2e	Non Resi Operational Elec kWh	Bus tCO2e	Bus km	Elec Car tCO2e	Elec Car km	Non Elec tCO2e	Non Elec Car km
SG05	Urban city and town	916	30,918	15,888	5,335.234	340	44,833,469	160	21,158,250.2	3,006.726	20,044,841	294.4061	188,209,495	5,894.204	28,067,639



Total emissions by scenario

● Embodied ● Operational Energy ● Transport

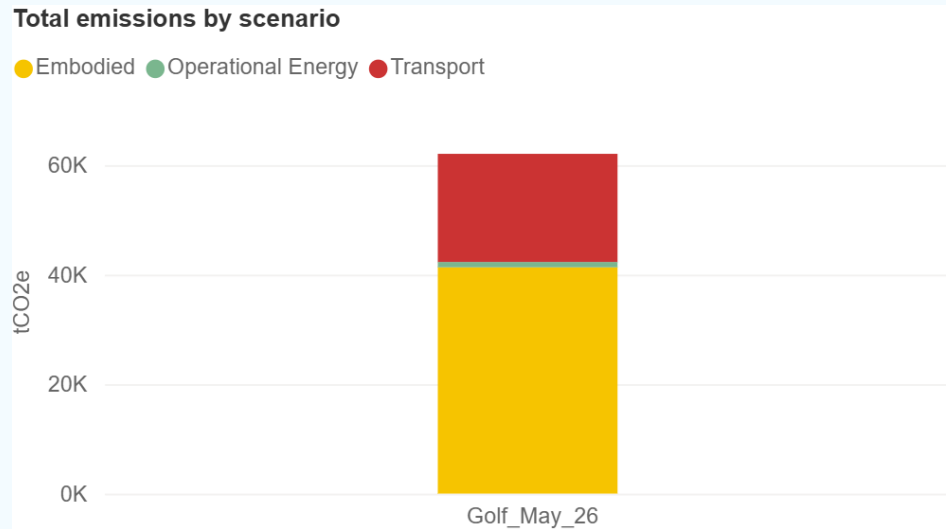
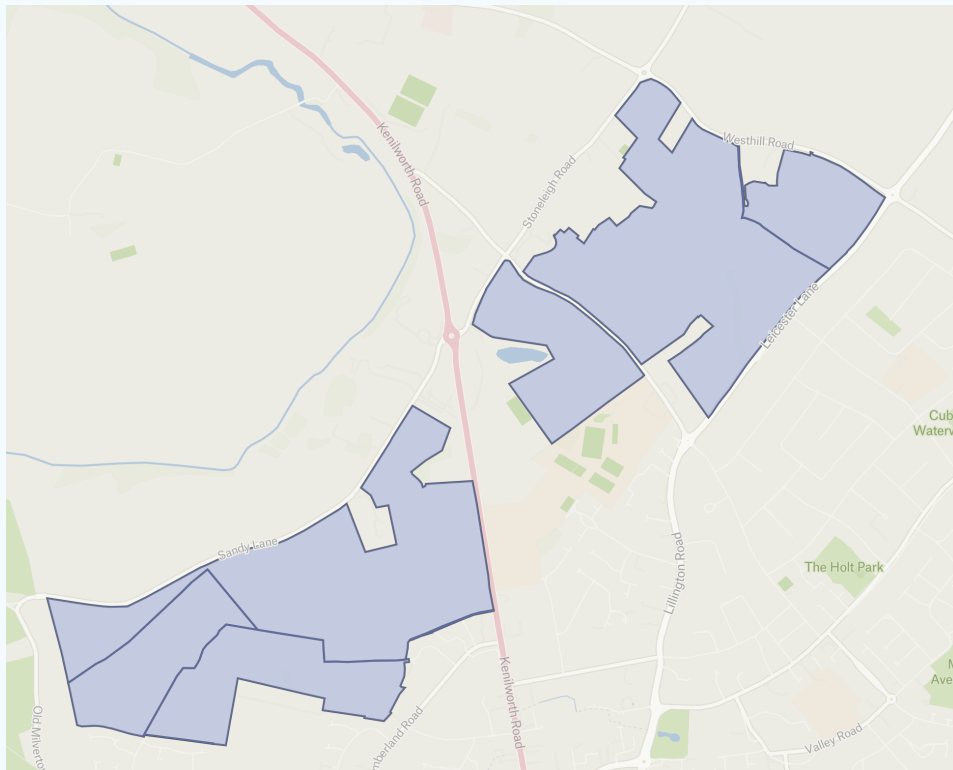


**Carbon per dwelling
over the local plan
period:
33.75 tCO2e**



Golf SG06, North of Leamington Warwick

Site name	Location category	Dwellings	Total tCO2e	Resi Embodied tCO2e	Non Resi Embodied tCO2e	Resi Operational Energy tCO2e	Resi Operational Elec kWh	Non Resi Operational Elec tCO2e	Non Resi Operational Elec kWh	Bus tCO2e	Bus km	Elec Car tCO2e	Elec Car km	Non Elec tCO2e	Non Elec Car km
SG06	Urban city and town	1,784	62,056	30,942	10,390.89	663	87,313,100.16	312	41,205,654.1	6,474.434	43,162,895	629.1981	405,504,531	12,643.83	60,208,690



**Carbon per dwelling
over the local plan
period:**

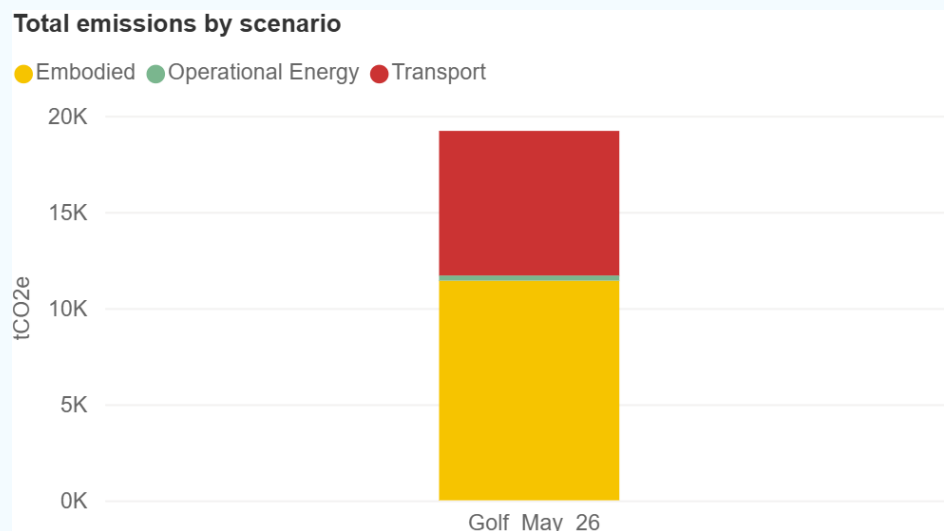
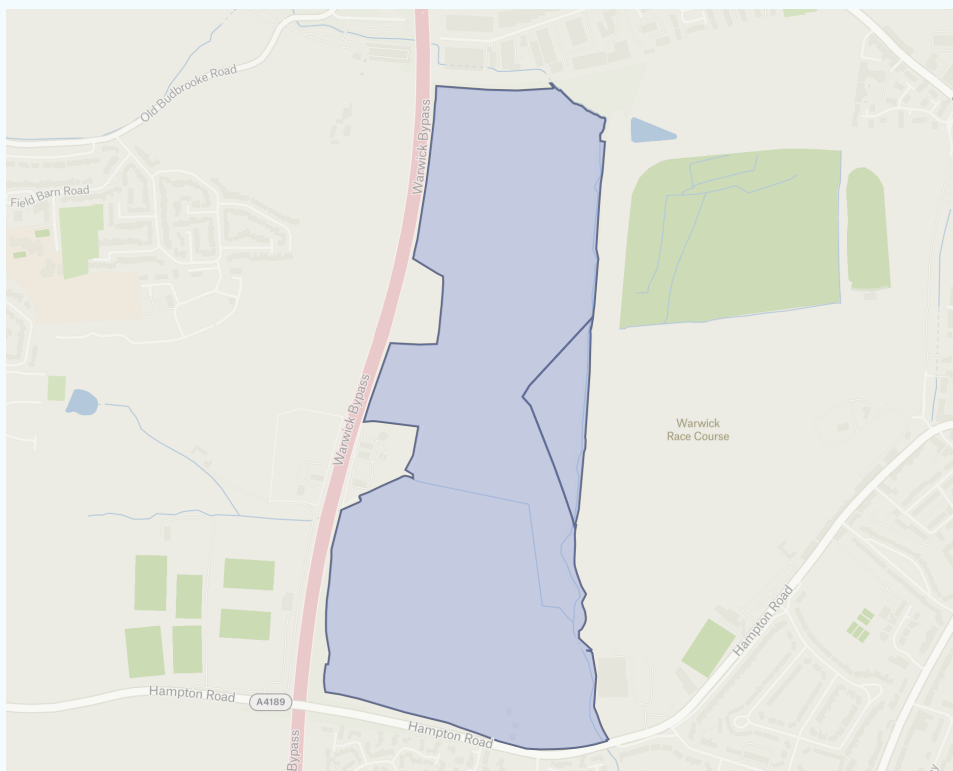
34.78 tCO2e



Golf SG08, West of Warwick

Warwick

Site name	Location category	Dwellings	Total tCO2e	Resi Embodied tCO2e	Non Resi Embodied tCO2e	Resi Operational Energy tCO2e	Resi Operational Elec kWh	Non Resi Operational Elec tCO2e	Non Resi Operational Elec kWh	Bus tCO2e	Bus km	Elec Car tCO2e	Elec Car km	Non Elec tCO2e	Non Elec Car km
SG08	Urban city and town	493	19,211	8,551	2,871.474	183	24,129,803.73	87	11,387,573.5	2,456.75	16,378,334	241.0918	153,757,183	4,821.51	22,959,578



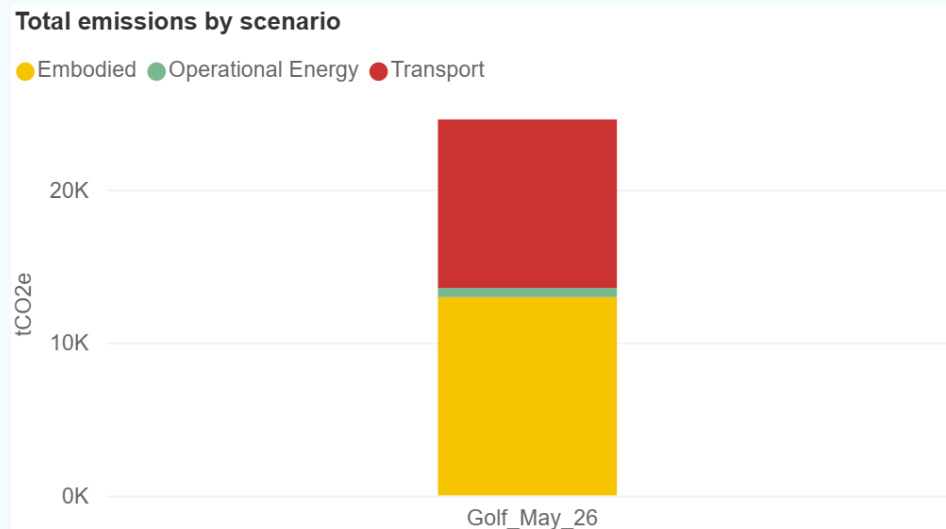
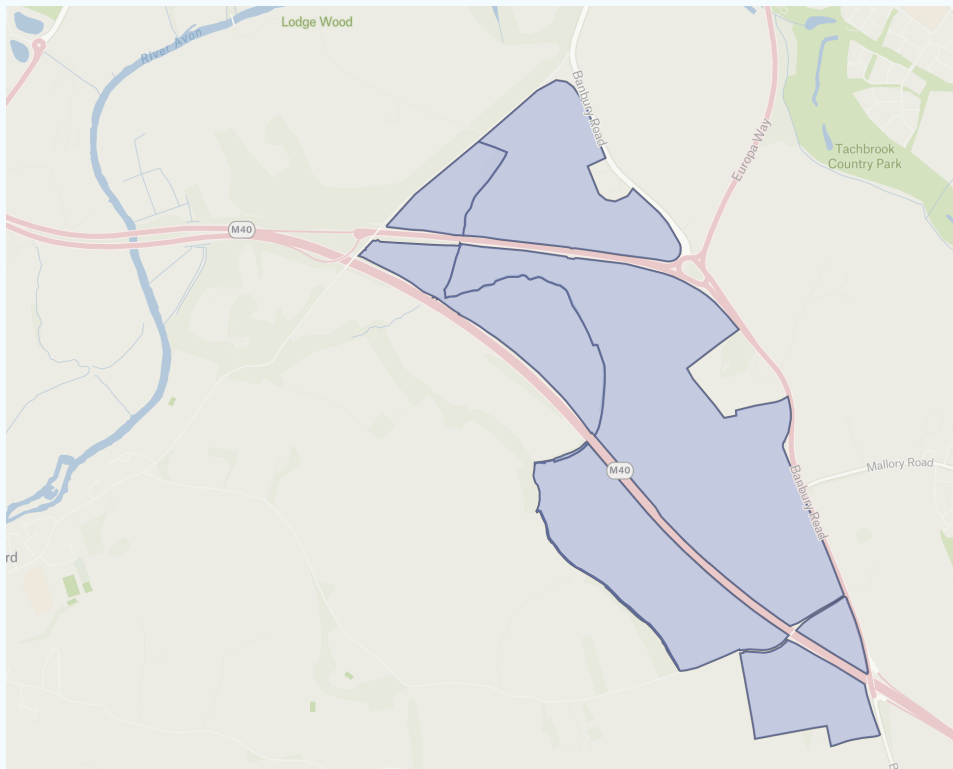
Carbon per dwelling over the local plan period:

38.96 tCO2e



Golf SG09, South of Europa Way Warwick

Site name	Location category	Dwellings	Total tCO2e	Resi Embodied tCO2e	Non Resi Embodied tCO2e	Resi Operational Energy tCO2e	Resi Operational Elec kWh	Non Resi Operational Elec tCO2e	Non Resi Operational Elec kWh	Bus tCO2e	Bus km	Elec Car tCO2e	Elec Car km	Non Elec tCO2e	Non Elec Car km
SG09	Rural village and dispersed	558	24,580	9,811	3,157.756	414	30,826,264.27	191	14,208,204.8	1,510.054	10,067,027	554.0117	215,629,673	8,942.138	42,581,608

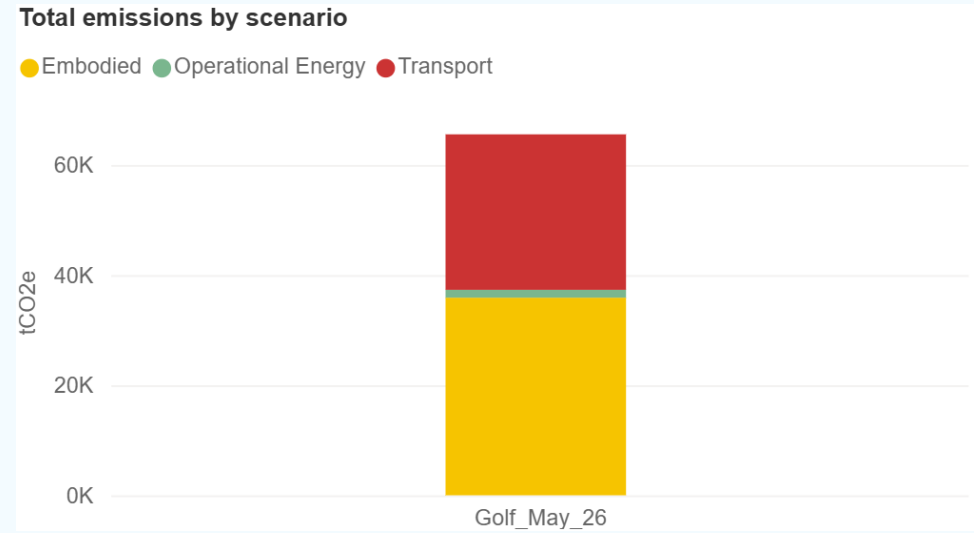
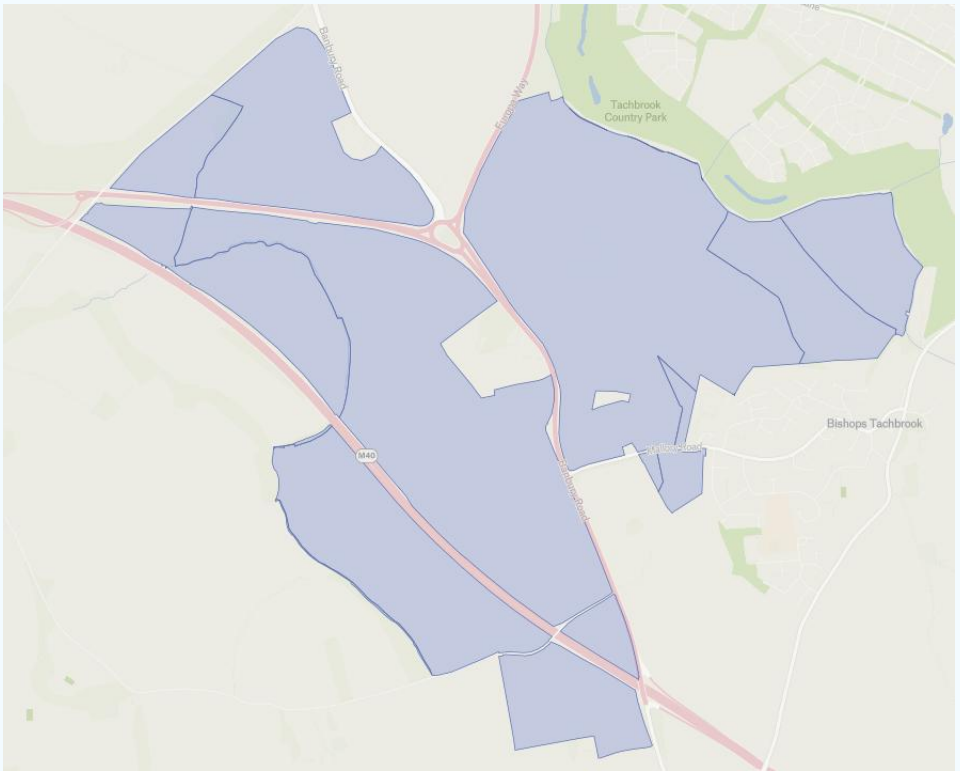


**Carbon per dwelling
over the local plan
period:
44.05 tCO2e**



Golf SG10, Bishops Tachbrook Warwick

Site name	Location category	Dwellings	Total tCO2e	Resi Embodied tCO2e	Non Resi Embodied tCO2e	Resi Operational Energy tCO2e	Resi Operational Elec kWh	Non Resi Operational Elec tCO2e	Non Resi Operational Elec kWh	Bus tCO2e	Bus km	Elec Car tCO2e	Elec Car km	Non Elec tCO2e	Non Elec Car km
SG10	Rural town and fringe	1,550	65,565	27,165	8,733.461	977	83,185,239.9	448	38,165,708.7	6,859.752	45,731,681	1,171.725	537,081,839	20,209.33	96,234,883



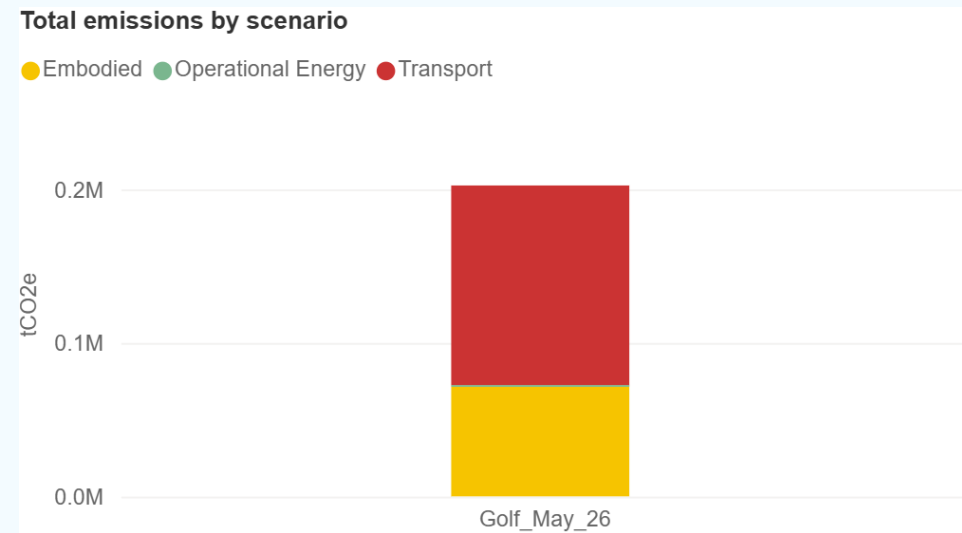
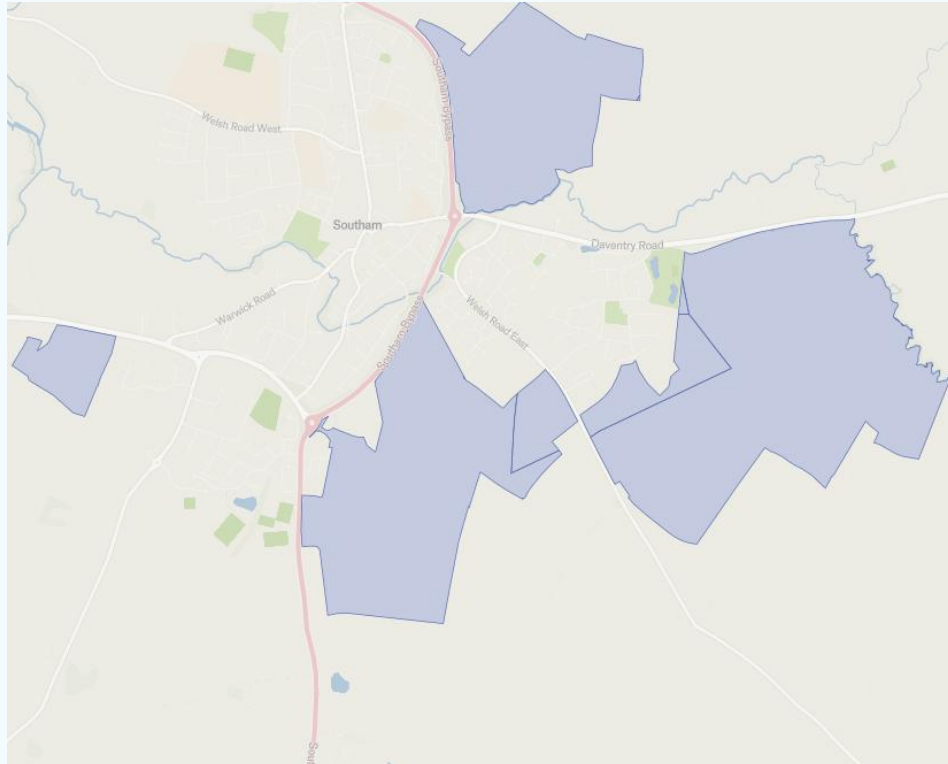
**Carbon per dwelling
over the local plan
period:**

42.3 tCO2e



Golf SG12, Southam Stratford-Upon-Avon

Site name	Location category	Dwellings	Total tCO2e	Resi Embodied tCO2e	Non Resi Embodied tCO2e	Resi Operational Energy tCO2e	Resi Operational Elec kWh	Non Resi Operational Elec tCO2e	Non Resi Operational Elec kWh	Bus tCO2e	Bus km	Elec Car tCO2e	Elec Car km	Non Elec tCO2e	Non Elec Car km
SG12	Rural town and fringe	3,086	202,527	54,147	17,322.89	780	139,963,696.6	357	64,010,600.8	40,345.86	268,972,399	3,549.075	3,387,788,901	86,025.48	409,645,162



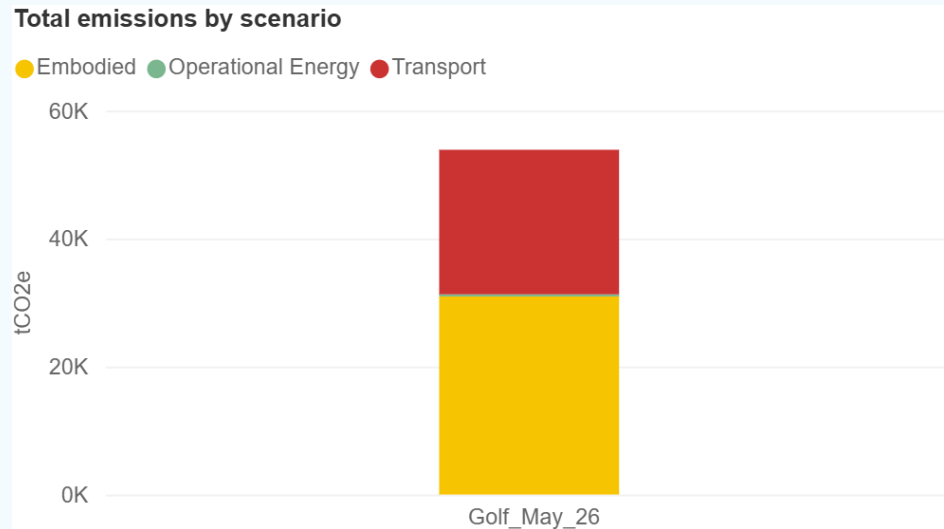
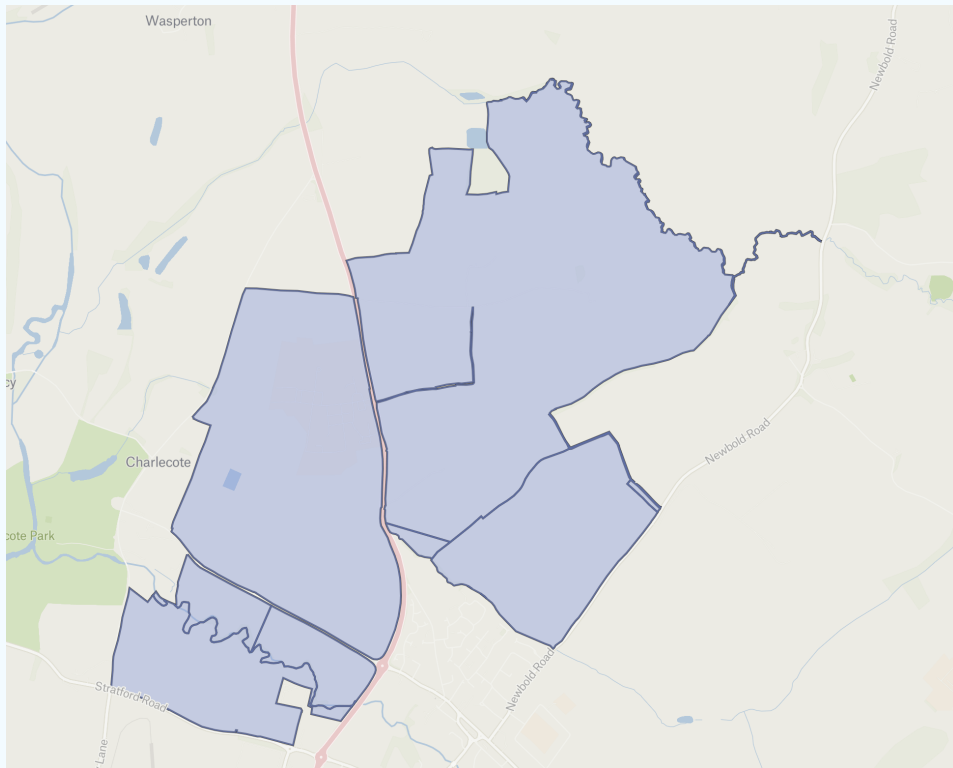
**Carbon per dwelling
over the local plan
period:**

65.62 tCO2e



Golf SG15, North of Wellesbourne Stratford-Upon-Avon

Site name	Location category	Dwellings	Total tCO2e	Resi Embodied tCO2e	Non Resi Embodied tCO2e	Resi Operational Energy tCO2e	Resi Operational Elec kWh	Non Resi Operational Elec tCO2e	Non Resi Operational Elec kWh	Bus tCO2e	Bus km	Elec Car tCO2e	Elec Car km	Non Elec tCO2e	Non Elec Car km
SG15	Rural village and dispersed	1,331	53,872	23,410	7,539.877	228	55,897,728.73	105	25,789,181.8	4,662.478	31,083,189	642.8696	756,768,786	17,283.56	82,302,642



**Carbon per dwelling
over the local plan
period:**

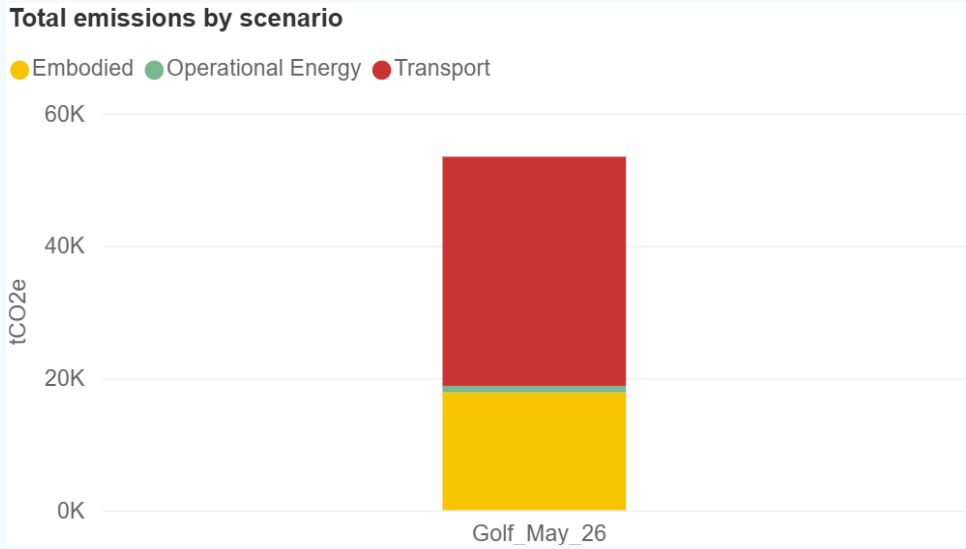
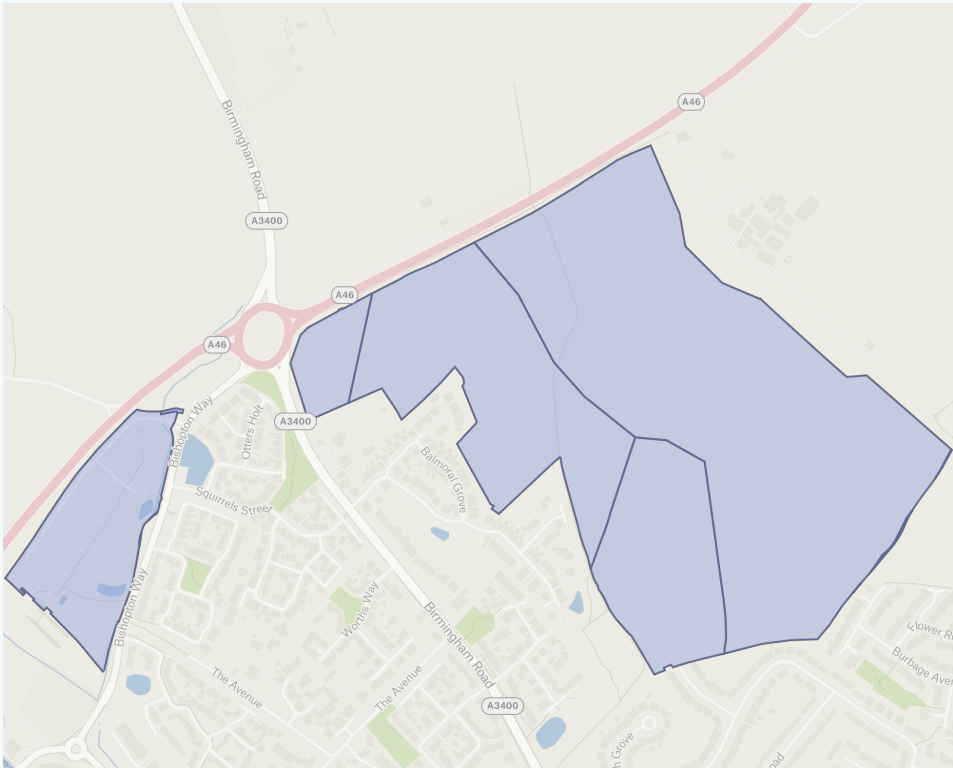
40.47 tCO2e



Golf SG18 North, West of Stratford-Upon-Avon

Stratford-Upon-Avon

Site name	Location category	Dwellings	Total tCO2e	Resi Embodied tCO2e	Non Resi Embodied tCO2e	Resi Operational Energy tCO2e	Resi Operational Elec kWh	Non Resi Operational Elec tCO2e	Non Resi Operational Elec kWh	Bus tCO2e	Bus km	Elec Car tCO2e	Elec Car km	Non Elec tCO2e	Non Elec Car km
SG18 North	Urban city and town	768	53,414	13,349	4,455.504	667	43,943,444.93	314	20,672,032.8	8,458.288	56,388,584	1,586.704	549,410,432	24,583.76	117,065,498



Carbon per dwelling over the local plan period:

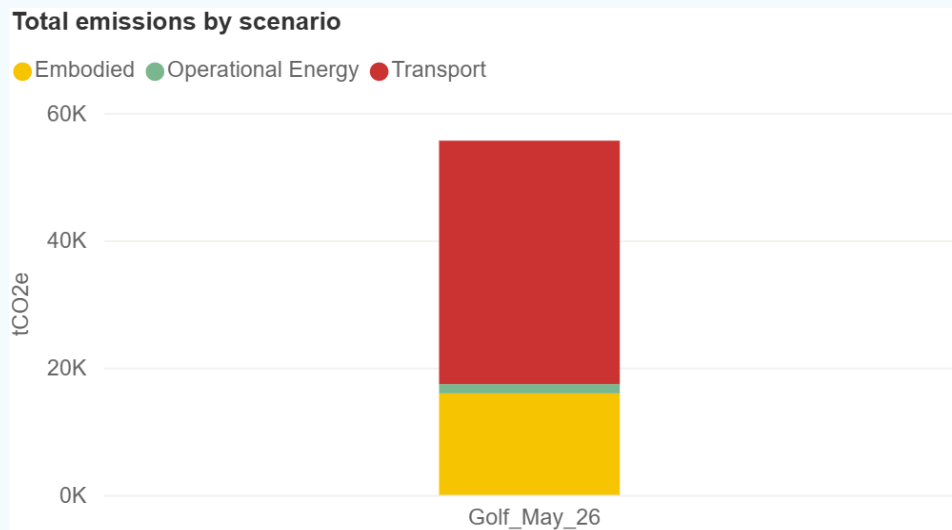
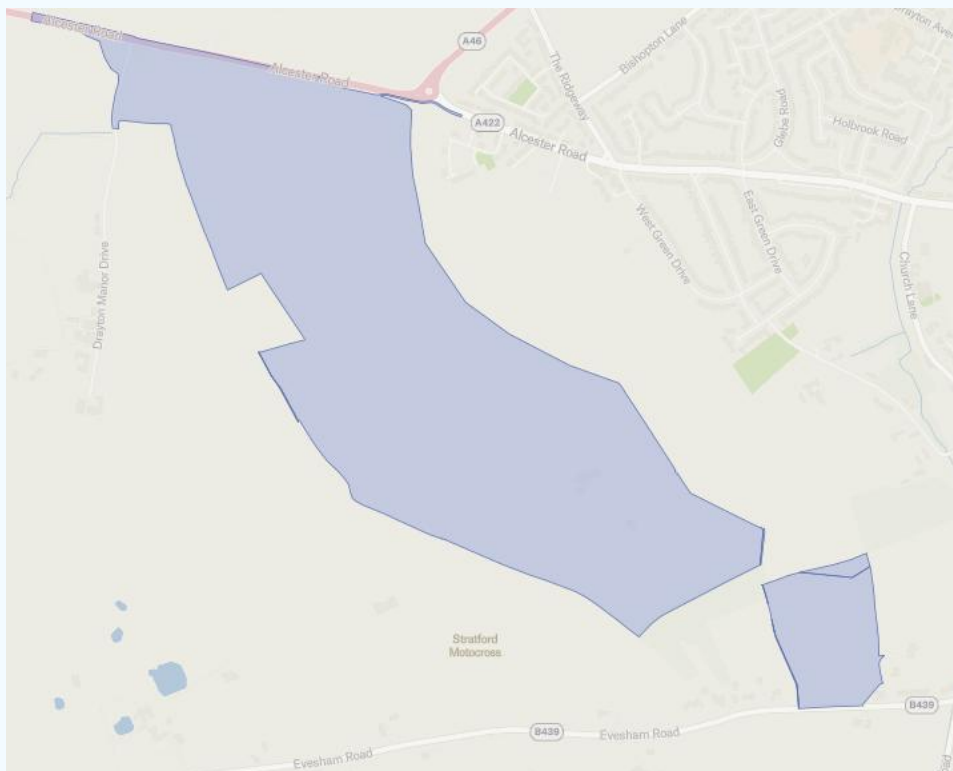
69.54 tCO2e



Golf SG18 South, West of Stratford-Upon-Avon

Stratford-Upon-Avon

Site name	Location category	Dwellings	Total tCO2e	Resi Embodied tCO2e	Non Resi Embodied tCO2e	Resi Operational Energy tCO2e	Resi Operational Elec kWh	Non Resi Operational Elec tCO2e	Non Resi Operational Elec kWh	Bus tCO2e	Bus km	Elec Car tCO2e	Elec Car km	Non Elec tCO2e	Non Elec Car km
SG18 South	Urban city and town	687	55,652	12,053	3,916.748	991	43,682,307.6	460	20,261,616	4,175.935	27,839,567	2,189.08	554,796,320	31,865.7	151,741,429



Carbon per dwelling over the local plan period:

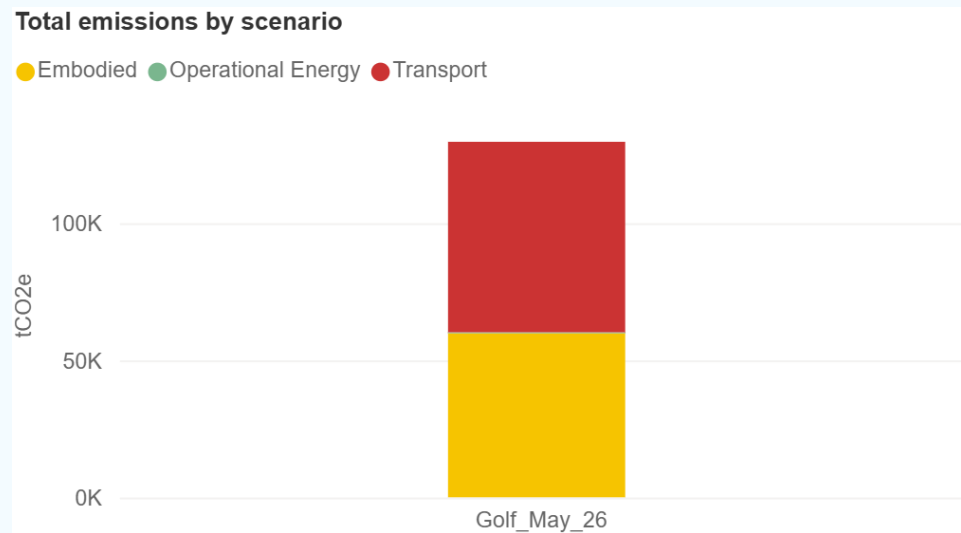
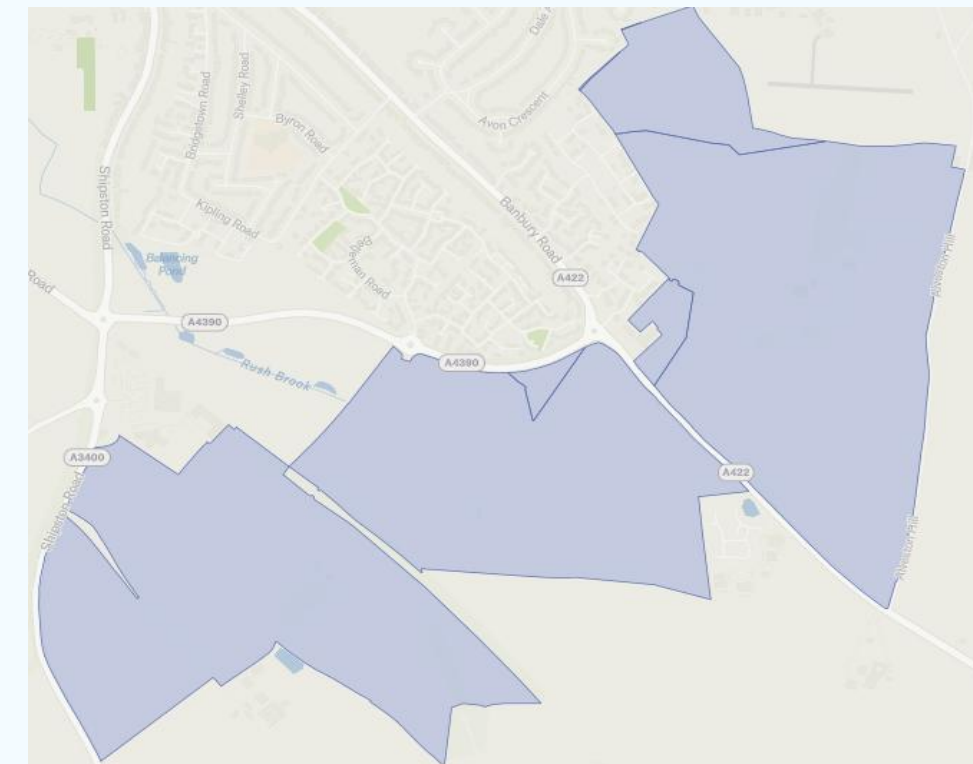
81 tCO2e



Golf SG19, East of Stratford-Upon-Avon

Stratford-Upon-Avon

Site name	Location category	Dwellings	Total tCO2e	Resi Embodied tCO2e	Non Resi Embodied tCO2e	Resi Operational Energy tCO2e	Resi Operational Elec kWh	Non Resi Operational Elec tCO2e	Non Resi Operational Elec kWh	Bus tCO2e	Bus km	Elec Car tCO2e	Elec Car km	Non Elec tCO2e	Non Elec Car km
SG19	Urban city and town	2,585	129,684	44,836	15,056.31	238	96,389,340.82	112	45,489,002.5	32,025.1	213,500,653	975.0684	2,130,075,198	36,440.36	173,525,512



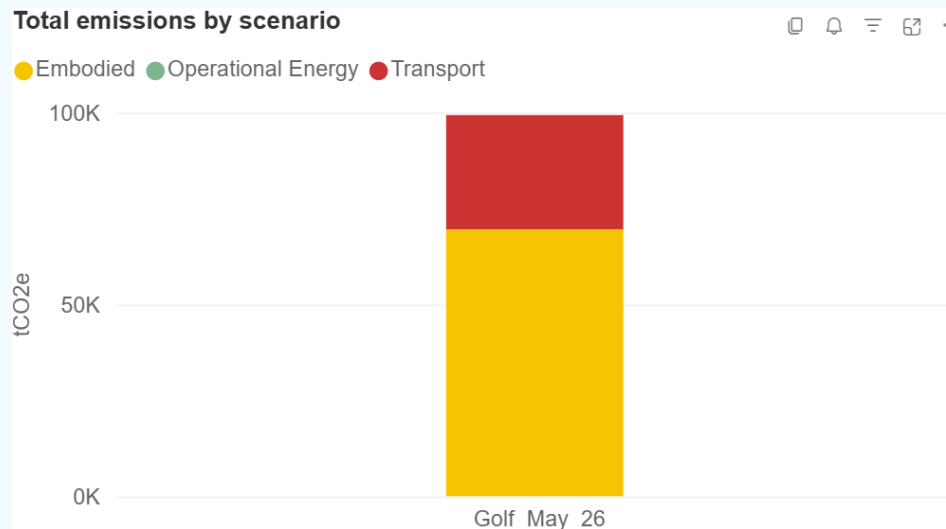
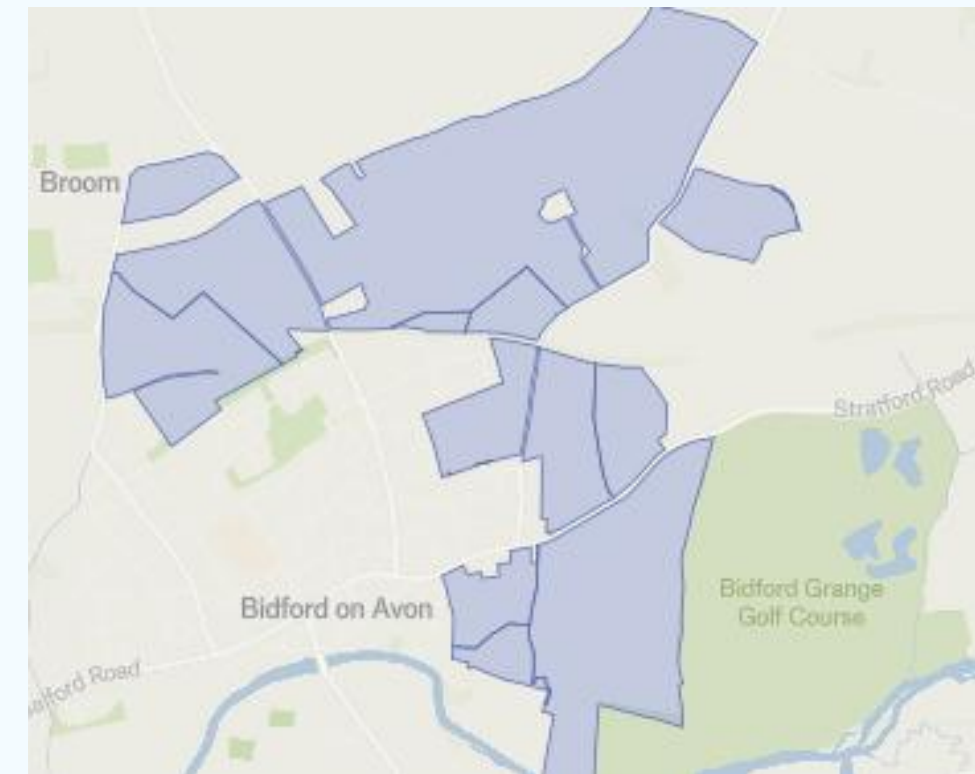
Carbon per dwelling over the local plan period:

50.16 tCO2e



Golf SG20 South, Bidford-on-Avon Stratford-Upon-Avon

Site name	Location category	Dwellings	Total tCO2e	Resi Embodied tCO2e	Non Resi Embodied tCO2e	Resi Operational Energy tCO2e	Resi Operational Elec kWh	Non Resi Operational Elec tCO2e	Non Resi Operational Elec kWh	Bus tCO2e	Bus km	Elec Car tCO2e	Elec Car km	Non Elec tCO2e	Non Elec Car km
SG20	Rural town and fringe	3,000	99,344	52,636	16,839.84	72	86,386,962.85	34	39,507,969.1	14,170.13	94,467,544	226.6249	1,260,558,741	15,364.18	73,162,747



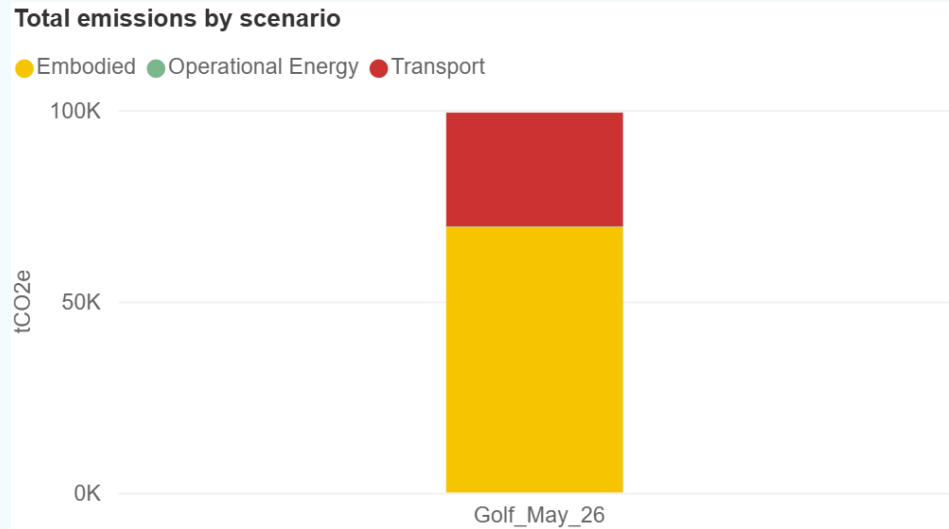
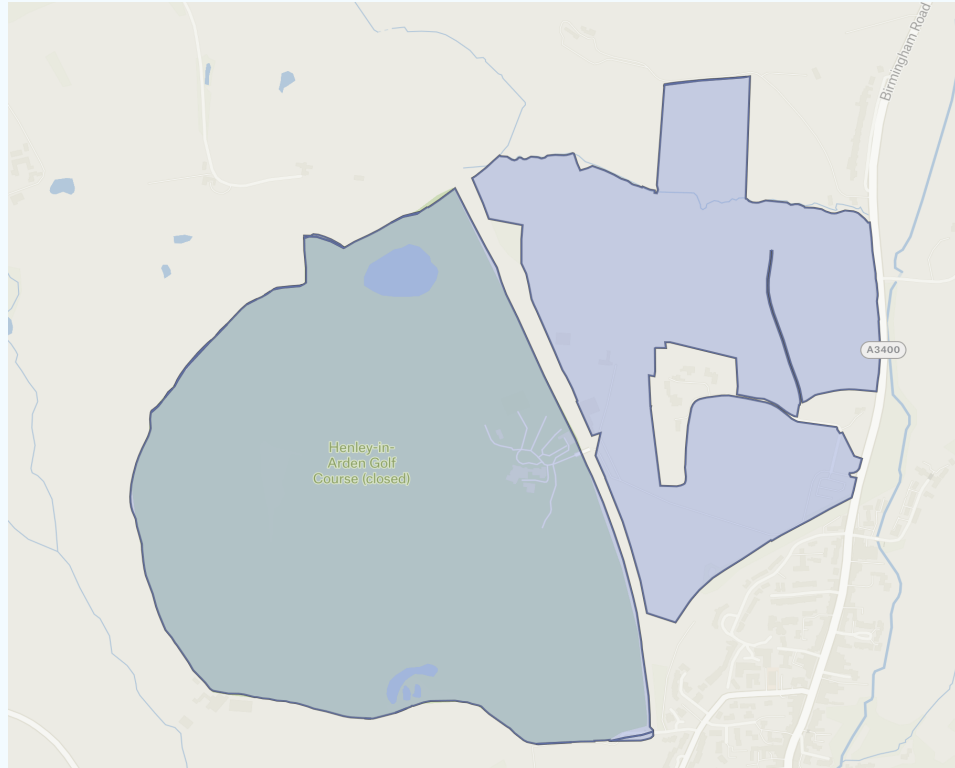
Carbon per dwelling over the local plan period:

33.11 tCO2e



Golf SG23, North of Henley-in-Arden Stratford-Upon-Avon

Site name	Location category	Dwellings	Total tCO2e	Resi Embodied tCO2e	Non Resi Embodied tCO2e	Resi Operational Energy tCO2e	Resi Operational Elec kWh	Non Resi Operational Elec tCO2e	Non Resi Operational Elec kWh	Bus tCO2e	Bus km	Elec Car tCO2e	Elec Car km	Non Elec tCO2e	Non Elec Car km
SG23	Rural town and fringe	1,969	107,371	34,548	11,052.74	498	89,302,941.14	228	40,841,554.3	18,995.2	126,634,639	1,660.899	1,595,541,067	40,388.3	192,325,227



**Carbon per dwelling
over the local plan
period:

54.53 tCO2e**



Golf scenario-wide site comparison

Cumulative emissions by site TCO2e

