

## Carbon Baselines 2019/20

## Warwick District Council

|  | Consumption data |                | Conversion Factor LGA | CO2 emissions (LGA) |
|--|------------------|----------------|-----------------------|---------------------|
| <b>Scope1</b>                                    |                  |                |                       |                     |
| Gas  | 6,800,091.17     | kWh            | 0.184                 | 1,249.16            |
| LPG  | 171,775.00       | Litres         | 1.16                  | 198.5               |
| Biomass  | 283,200.80       | AMP            | 0.016                 | 4.43                |
| Medium diesel car, 1.7 - 2.0 litre               | 8,200.00         | Miles          | 0.275                 | 2.25                |
| Diesel van Class I (up to 1.305 tonnes)          | 33,579.00        | Miles          | 0.241                 | 8.10                |
| Small Hybrid Car - Petrol                        | 19,019.00        | Miles          | 0.169                 | 3.22                |
| Electric Vehicle (Average Sized Car)             | 33,009.00        | Miles          | 0                     | 0                   |
| <b>Scope 1 Total</b>                             |                  |                |                       | <b>1,465.66</b>     |
| <b>Scope 2</b>                                   |                  |                |                       |                     |
| Electricity                                      | 5,008,808.00     | kWh            | 0.256                 | 1,282.25            |
| <b>Scope 2 Total</b>                             |                  |                |                       | <b>1,282.25</b>     |
| <b>Scope 3 (excluding major contracts)</b>       |                  |                |                       |                     |
| Staff Travel - Average Medium Car (unknown fuel) | 190,960.00       | Miles          | 0.29                  | 54.43               |
| Water  | 40,639.16        | m <sup>3</sup> | 0.34                  | 13.82               |

## Stratford District Council

|  | Consumption data |                | Conversion Factor LGA | CO2 emissions |
|--|------------------|----------------|-----------------------|---------------|
| <b>Scope1</b>                                    |                  |                |                       |               |
| Gas  | 865545.74        | kWh            | 0.184                 | 159.26        |
| LPG  | 0                | Litres         |                       | 0             |
| Biomass  | 0                | AMP            | 0.016                 | 0             |
| Medium diesel car, 1.7 - 2.0 litre               | 0                | Miles          | 0.275                 | 0             |
| Diesel van Class I (up to 1.305 tonnes)          | 68,619           | Miles          | 0.241                 | 16.5          |
| Small Hybrid Car - Petrol                        | 0                | Miles          | 0.169                 | 0             |
| Electric Vehicle (Average Sized Car)             | 0                | Miles          | 0.089                 | 0             |
| <b>Scope 1 Total</b>                             |                  |                |                       | <b>175.76</b> |
| <b>Scope 2</b>                                   |                  |                |                       |               |
| Electricity                                      | 1505285          | kWh            | 0.256                 | 385.3         |
| <b>Scope 2 Total</b>                             |                  |                |                       | <b>385.3</b>  |
| <b>Scope 3 (excluding major contracts)</b>       |                  |                |                       |               |
| Staff Travel - Average Medium Car (unknown fuel) | 176,095          | Miles          | 0.29                  | 51.07         |
| Water  | 40,600           | m <sup>3</sup> | 0.34                  | 13.8*         |

|  |              |        |       |                 |
|--|--------------|--------|-------|-----------------|
| Transmission and Distribution losses               | 5,008,808.00 | Kwh    | 0.022 | 110.00          |
| <b>Scope 3 Total (excluding major contracts)</b>   |              |        |       | <b>178.25</b>   |
|  |              |        |       |                 |
| <b>Total excluding contracts</b>                   |              |        |       | <b>2,926.16</b> |
|  |              |        |       |                 |
| <b>Scope 3 major contracts</b>                     |              |        |       |                 |
| Waste collection Vehicles (diesel)                 | 270465       | litres | 2.594 | 701             |
| Waste collection buildings electricity             | 72276        | Kwh    | 0.256 | 18.5            |
| Waste collection buildings gas                     | 39769        | Kwh    | 0.184 | 7.3             |
| Grounds Maintenance vehicles/equip (diesel/petrol) | TBC          |        |       | 86**            |
| Street Cleansing vehicles (diesel)                 | 107724       | litres | 2.594 | 279.4           |
| Street Cleansing Electricity                       | 20091        | Kwh    | 0.256 | 5               |
| Street Cleansing Gas                               | 19705        | Kwh    | 0.184 | 3.6             |
| Leisure Centres Electricity                        | 1331370      | Kwh    | 0.256 | 340.8           |
| Leisure Centres Gas                                | 2628438      | Kwh    | 0.184 | 483             |
| <b>Total Contracts</b>                             |              |        |       | <b>1,924.60</b> |
|  |              |        |       |                 |
| <b>Total</b>                                       |              |        |       | <b>4,850.76</b> |

|  |           |        |                       |                |
|--|-----------|--------|-----------------------|----------------|
| Transmission and Distribution losses             | 1505285   | Kwh    | 0.022                 | 33.1           |
| <b>Scope 3 Total (excluding major contracts)</b> |           |        |                       | <b>97.97</b>   |
|  |           |        |                       |                |
| <b>Total excluding contracts</b>                 |           |        |                       | <b>659.03</b>  |
|  |           |        |                       |                |
| <b>Scope 3 major contracts</b>                   |           |        |                       |                |
| Waste collection                                 | See depot |        |                       |                |
| Grounds Maintenance (diesel/petrol/oil)          | 91825     | Miles  | 2.594 / 2.209 / 2.758 | 86             |
| Street Cleansing                                 | See depot |        |                       |                |
|  |           |        |                       |                |
| Depot vehicles (diesel)                          | 629359    | litres | 2.594                 | 1633           |
| Depot electricity                                | 98268     | Kwh    | 0.256                 | 25             |
| Depot Gas  | 23945     | Kwh    | 0.184                 | 4.4            |
|  |           |        |                       |                |
| Leisure electricity                              | 1396059   | Kwh    | 0.256                 | 356.8          |
| Leisure gas                                      | 4273940   | Kwh    | 0.184                 | 785.8          |
| <b>Total contracts</b>                           |           |        |                       | <b>2891</b>    |
|  |           |        |                       |                |
| <b>Total</b>                                     |           |        |                       | <b>3550.03</b> |

\* Awaiting data. Assume the same as WDC

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