**Nelson and Colne College Group**

**Carbon Emissions**

| **Greenhouse gas emissions and energy use data** | **2018/2019** | **2019/2020** | **2020/2021** |
| --- | --- | --- | --- |
| Energy consumption used to calculate emissions (kWh) | 6,801,891 | 5,129,392 | 4,813,244 |
| **Energy consumption break down (kWh) (optional)**: |  |  |  |
| Gas | 4,631,852 | 3,170,818 | 2,962,724 |
| Electricity | 2,094,442 | 1,796,642 | 1,760,634 |
| Transport fuel | 75,597 | 161,932 | 89,886 |
| **Scope 1 emissions in metric tonnes CO2e** |  |  |  |
| Gas consumption | 851.5 | 583 | 545 |
| Owned transport | 18.5 | 39 | 21.5 |
| Total scope 1 | 870 | 622 | 566.5 |
| **Scope 2 emissions in metric tonnes CO2e** |  |  |  |
| Purchased electricity | 535 | 455 | 410 |
| **Scope 3 emissions in metric tonnes CO2e** |  |  |  |
| Business travel in employee owned vehicles | 148.75 | 104 | 22.65 |
| **Total gross emissions in metric tonnes CO2e** | **1554** | **1181** | **999** |
| **Intensity ratio** |  |  |  |
| Tonnes CO2e per member of staff (staff/TC02e) | **579 / 2.68** | **735 / 1.60** | **706 / 1.41** |

Nelson and Colne College Group has 3 main sites, all with their own gas fuelled boilers and electricity purchased from the grid network. The Group owns 7 vehicles, 5 diesel-powered mini-buses, 1 van and 1 pool car. There are approximately 285 members of staff who claim business mileage.

**Quantification and Reporting Methodology**

We have followed the ESFA Streamlined Energy and Carbon Reporting (SECR) 2020 Guidance and utilised the Greenhouse gas emissions calculation tool 2019-2020 factors.

**Intensity measurement**

The chosen intensity measurement ratio is “total gross emissions in metric tonnes CO2e per staff member”, the recommended ratio for the sector.