

REPORT OF: CHIEF EXECUTIVE

TO: POLICY AND RESOURCES COMMITTEE

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PENDLE COUNCIL'S ANNUAL EMISSIONS REPORT

PURPOSE OF REPORT

To inform Policy and Resources Committee of our Annual Emissions Report prior to publication on our website.

RECOMMENDATION

That the Annual Emissions Report is approved and published on the Council website

REASONS FOR RECOMMENDATION

To enable publication of our Annual Emissions Report and demonstrate progress towards Pendle's Climate Emergency Declaration.

ISSUE

Since 2011, we have been producing annual emissions reports to monitor emissions from our operations, using the latest DEFRA published emission factors and calculation spreadsheet. In July 2019, PBC declared a Climate Emergency, committing itself to carbon neutral status by 2030. The Annual Emissions Report provides a mechanism for monitoring progress towards our carbon reduction ambition.

Earlier this year, One Carbon World undertook an assessment of our carbon footprint and calculated our emissions per head of staff. 2018/19 data was used for this exercise as 2019/20 data was not yet available. It validated our methodology for our internal calculations and indicated emissions were lower than the national average at 4.3 tonnes per employee.

As with the One Carbon World assessment, our emissions data is captured within one of 3 categories (defined as Scope 1, Scope 2 or Scope 3 in the DEFRA Guidance). The data for each category varies greatly hence the importance of defining the Scopes within the report:

Scope 1 – Fuels used in boilers, furnaces or turbines.

In the Council's case, this is natural gas used in Council owned and managed

properties (where the Council is responsible for the boiler) and Council controlled transport (mainly waste and cleansing services, ground maintenance vehicles and light commercial vans). This doesn't include council owned Pendle Leisure Trust sites.

Scope 2 -Consumption of purchased electricity.

For the Council this is electricity consumed within Council owned and managed buildings. This doesn't include council owned Pendle Leisure Trust sites

Scope 3 –This includes business travel for staff where they are using their own vehicles and outsourced activities. It includes Pendle Leisure Trust and some Liberata controlled buildings and staff travel.

Both Scopes 1 & 2 relate to direct PBC emissions generated from our building stock and transport fleet. The building stock includes all council buildings, including Liberata managed sites such as markets and council shops. It does not include PLT sites.

Scope 3 relates to our indirect emissions; those generated from staff business travel and from our outsourced services.

Our corporate carbon reduction targets are currently 5% for our transport fleet and 2% for our building stock. Although these data sources are included in the Annual Emission Report, the methodology for our Emissions Report is wider (as outlined above), with the Scopes including a range of energy data. However, we are still able to extrapolate the necessary data to inform progress against our carbon reduction targets.

Scope 1

Our gas consumption reduced by 16% in 2019/20, with reductions observed in Nelson Town Hall (5%), despite increased occupancy over 2019/20.

Emission reductions from our fleet were less significant, with only 1% reduction achieved. Our vehicles used 233,768 litres in 2018/19 compared to 230,532 in 2019/20

Scope 2

Similarly, our electricity consumption (Scope 2) decreased by 13% and was achieved mainly through reductions in Elliott House and the pavilions. Nelson Town Hall showed an increase of 1.5%.

Scope 3

Our business travel appears to have decreased over the year. Over 2019/20, staff travelled 88,600 business miles, a reduction of 900 miles compared to the previous year.

Energy consumption from outsourced services (PLT sites) reduced by 22%. PLT achieved significant reduction of 18% on their night electricity consumption (2% day) and 14% reduction in their gas use.

In total, the 2019/20 data shows a total annual emissions reduction of 17% (this includes PBC, PLT, Liberata building and staff transport data).

Table 1- Carbon reduction

	CO2 emissions 2018/19	CO2 emissions 2019/20	% difference
Scope 1			
Gas consumption	289	242	-16
Owned transport	614	605	-1
Process emissions	Not calculated		
Fugitive emissions	Not calculated		
Total scope 1	903	847	-6
Scope 2			
Purchased electricity	155	134	-14
Total scope 2	155	134	-14
Significant Scope 3			
Business travel	26	25	-4
Employee commuting	Not calculated		
Waste Disposal	Not calculated		
Product in use	Not calculated		
Outsourced services	2198	1713	-22
Total significant scope 3	2224	1738	-22
TOTAL	3,282	2,719	-17

Summary

We have now compiled our Annual Emissions Report for 2019/20. Although significant reductions were achieved over 2019/20, it's necessary to note the changes in our building stock that would have contributed to this reduction, mainly the vacation of staff from Elliott House in 2018/19 and the resulting increased workforce in Nelson Town Hall.

When considering the carbon reduction targets, we appear to have exceeded the building stock target of 2%, with notable reductions in both gas and electricity (15% reduction). However, at just 1%, our transport fleet target remains unachieved.

IMPLICATIONS

Policy: Approving the Annual Emissions Report will help deliver against national and local carbon reduction targets and demonstrate commitment to the Climate Emergency Declaration.

Financial: None arising directly from this report.

Legal: None arising directly from this report.

Risk Management: None arising directly from this report.

Health and Safety: None arising directly from this report.

Sustainability: This Annual Emissions Report is fundamental to ensure we continue to effectively monitor and reduce our carbon footprint.

Community Safety: None arising directly from this report

Equality and Diversity: None arising directly from this report

Appendix

Annual Emissions Report 2019/20