



CARBON EMISSION REPORT

Summary

This report provides information on the carbon footprint at Bray's Pipelines, from 2017 to 2021. Whilst the company's carbon emissions have increased by a factor of 3½ over the period, the company's labour increased by a factor of 9 in the same period. The 2020 reduction in carbon emissions has largely been maintained in '21.

Data sources

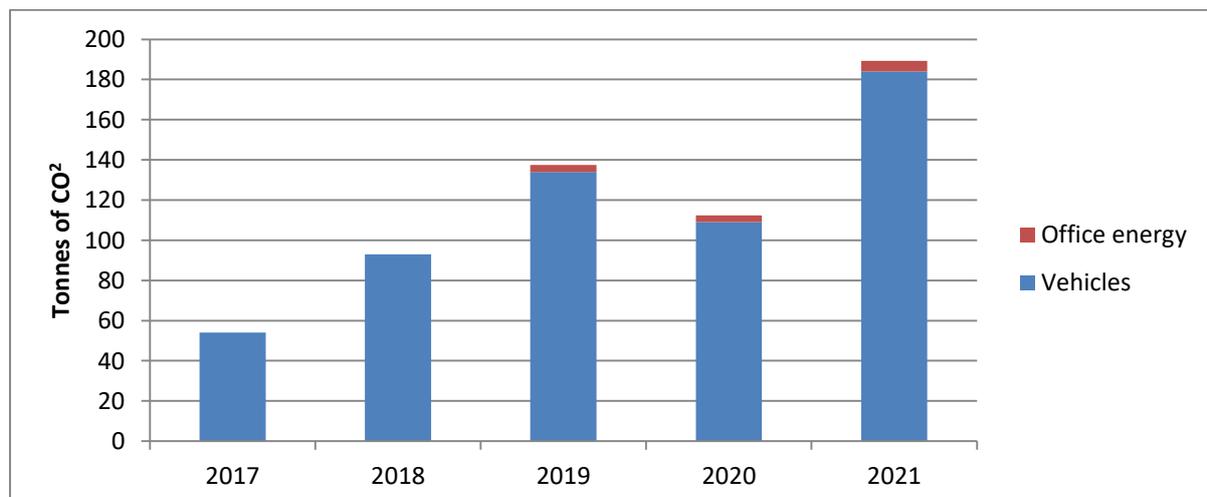
The compilation of this report took account of basic data from :

Fossil fuel : manufacturer's declared emissions data – Ford & Peugeot – with fuel usage from the fuel card provider

Mains electricity : Government data : <https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2019> – with energy consumption data from British Gas

Emission totals

The following graph shows the amount of carbon dioxide emitted for the previous 4 years – both transport &, for two years data, the office.



Plotting the raw data, shows an overall increase in the CO² emitted. However, in the same period there was a significant increase in the labour employed & economic activity.

Number of deployed teams

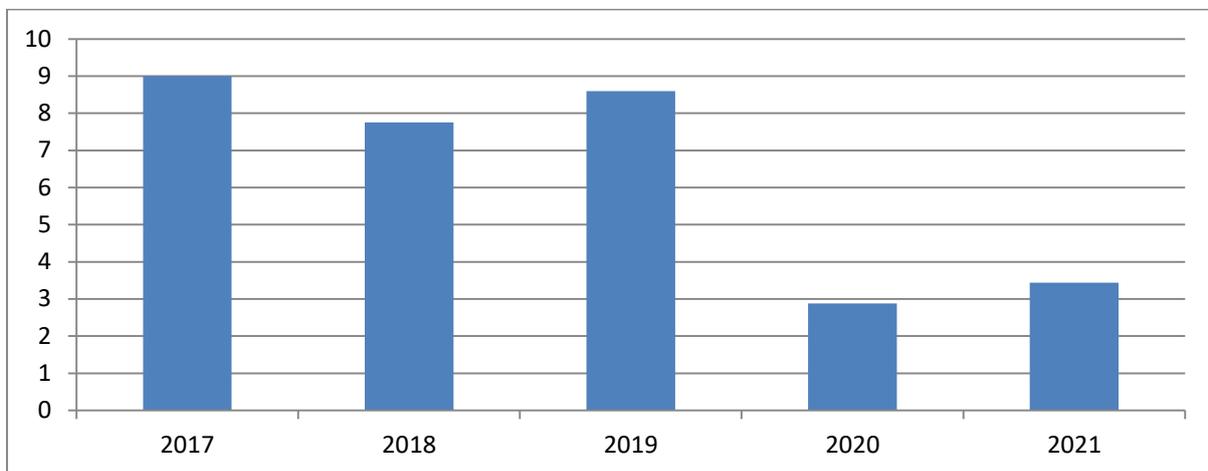
The labour profile, of FTEs, is :

2017	2018	2019	2020	2021
6	12	16	39	55

Taking account of emissions & the activity, the following results become apparent :

Emission rate : tonnes of CO² per team

The following graph shows the amount of carbon dioxide emitted for the previous 5 years – both transport &, for two years data, the office.



This is an improvement in the company's emission rates – particularly between 2019 & 2020. There are two reasons for this improvement :

1. The increase in labour – employed in the locality of their work – has dramatically reduced the travelling distances &, thus, fuel consumption
2. The fleet becoming dominated by new commercial vehicles with improved emission performances.

There has been a small increase from '20 to '21, with influencing factors being :

1. An increase in the number of 3½t Transits
2. An unexplained increase in the electricity consumption in the office – which is currently being investigated with the supplier.

Targets for 2022

The management team have set themselves the following measureable targets :

1. Maintain the CO² emission rate for the company's fleet.
2. Monitor the suitability of reduced emission vehicles.



Neil Bray

Managing Director

1st January 2022