



CARBON EMISSION REPORT

Summary

This report provides information on the carbon footprint at Bray's Pipelines, from 2017 to 2020. Whilst the company's carbon emissions have increased by a factor of 3 (2017 → 19), the company's labour increased by the same amount in the same period. In 2020, carbon emissions reduced by almost 20% – despite working teams almost doubling.

Data sources

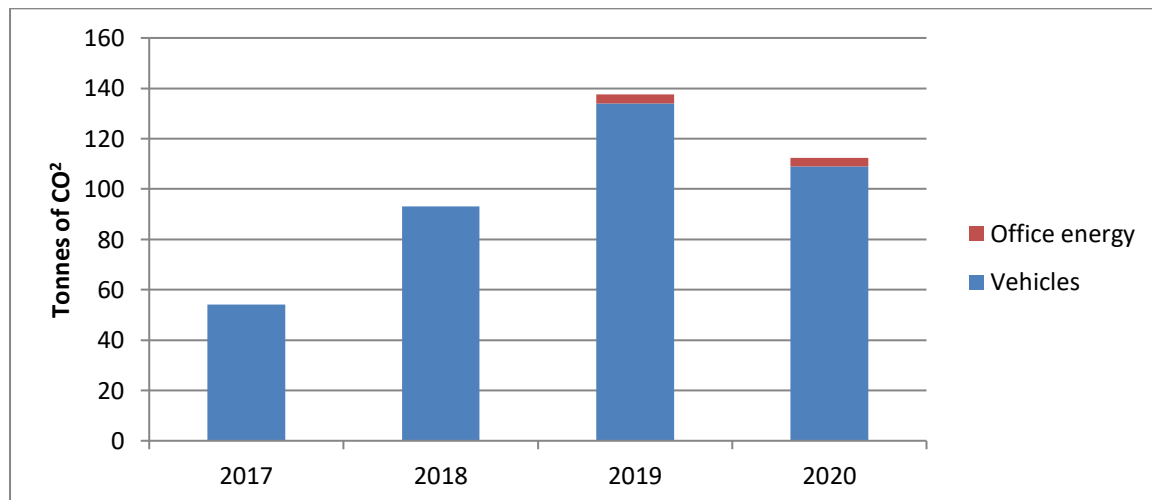
The compilation of this report took account of basic data from:

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

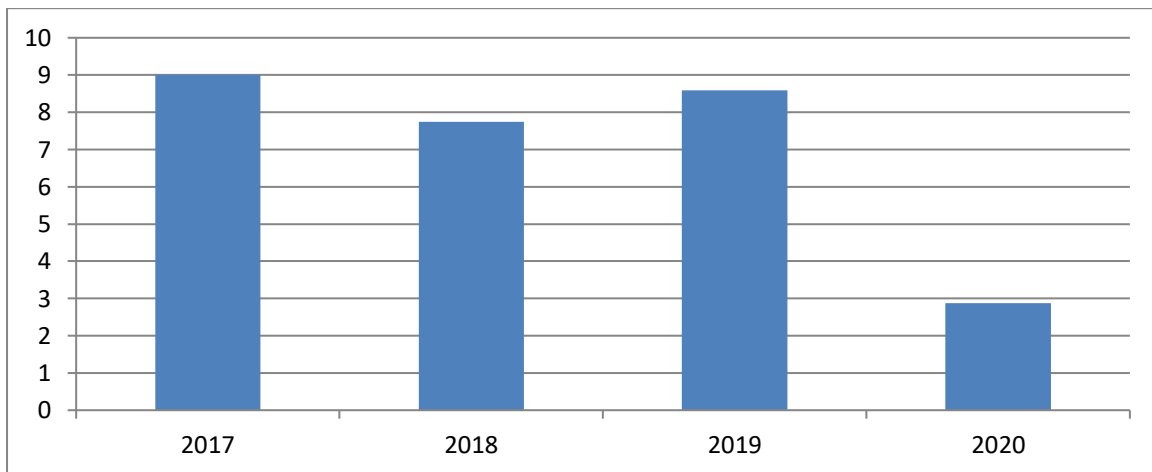
The labour profile, of FTEs, is:

2017	2018	2019	2020
6	12	16	39

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 4 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.

Targets for 2021

The management team have set themselves the following measurable targets:

1. Maintain the CO² emission rate for vehicles
2. Introduce the separation waste that can be diverted to energy plants, as a carbon offset initiative.



Neil Bray

Managing Director

1st January 2021