



**REPORT TO: PORTCHESTER CREMATORIUM JOINT COMMITTEE –
11 December 2023**

REPORT BY: PROPERTY MANAGER, IAN COUSINS

CARBON REDUCTION - UPDATE REPORT

1. Purpose

1.1 To update members on progress to reduce our carbon footprint during 2022/2023.

1.2 Recommendation - that this report be noted.

2. Background

2.1 In September 2022 we reported details on the carbon footprint base line to allow future monitoring on our progress in reducing our carbon emissions. This was followed by a report in December 2022 when we detailed our plans to reduce emissions.

3. Summary of Results

3.1 The table below shows our result for the period April 2022 to March 2023.

| Scope | Description | 2020 / 2021 | | 2021 / 2022 | | 2022/ 2023 | |
|-------|---------------------------------------|-------------|----------------------|-------------|----------------------|------------|----------------------|
| | | tCO2e | % of Total Emissions | tCO2e | % of Total Emissions | tCO2e | % of Total Emissions |
| 1 | Site Gas - Cremation and heating | 490.65 | 86% | 492.27 | 88% | 486.24 | 89% |
| 2 | Site Electricity - Lighting and Power | 77.75 | 14% | 67.62 | 12% | 61.5 | 11% |
| | Total | 568.4 | | 559.89 | | 547.74 | |

3.2 Whilst the figure for carbon emission associated with site gas in the year is slightly down, we have carried a greater number of cremations in the period. Overall, our gas consumption per cremation is down by nearly 5% as the result of improved management of the operation of the cremators.

3.3 The reduction in carbon for site electricity is the result of both the lower reduction factor applied and the works to replace inefficient equipment.

4. Short Term Actions

4.1 As set out in the Carbon Reduction report from December 2022 we will continue to work to deliver further reductions in carbon emissions.

4.2 We now have a design and are working towards the installation of a hold over facility during 2024.

4.3 A key part of this is the continued improvement in the operation of cremation equipment to ensure it operates at maximum efficiency.

4.4 We continue to replace old and inefficient equipment.

4.5 Provision has been made within the design of the new cremator equipment to allow for future use of the waste heat from the cremation process.

4.6 We continue to monitor the availability of Government funding schemes to aid energy efficiency of our site.

5. Conclusions

5.1 We will continue to focus on our short-term actions, start to consider the medium term actions and investigate the options for offsetting our carbon emissions in the longer term.

Ian Cousins
Property Manager
November 2023

Background List of Documents –
Section 100D of the Local Government Act 1972: Nil