

## Name of Board/Committee

### Item 3.6

**Subject:** Green Plan Update – Carbon Neutral Report  
**Date of Meeting:** 28<sup>th</sup> November 2022  
**Presented by:** Jonathan Develing, Director of Strategic Partnerships  
**Purpose of Report:** To Note

BAF Reference	Impact on BAF
BAF 9	Assurance regarding delivery of the Trust Green Plan.

Level of assurance (please tick one) To be used when the content of the report provides evidence of assurance					
<input type="checkbox"/>	<b>Acceptable assurance</b> Controls are suitably designed, with evidence of them being consistently applied and effective in practice	<input type="checkbox"/>	<b>Partial assurance</b> Controls are still maturing – evidence shows that further action is required to improve their effectiveness	<input type="checkbox"/>	<b>Low assurance</b> Evidence indicates poor effectiveness of controls

### 1. Executive Summary

This report provides, for the first time a baseline assessment of the of the greenhouse gas emissions from the Trust aligned to the financial years of 2018-22.

### 2. Background

Sponsored by the Integrated Care System, Liverpool Heart and Chest Hospital has been working with the Carbon Neutral Group to provide a proof of concept in gaining an understanding of the baseline position from which to assess progress against the National decarbonisation ambitions.

### 3. Findings

With the development of the green strategy and, supported by several positive initiatives the Trust has already started its journey to Net Zero. This work has received local and national recognition and in October the Trust was awarded a 'Tree of Trees' following nomination by the Lord Lieutenant of Liverpool.

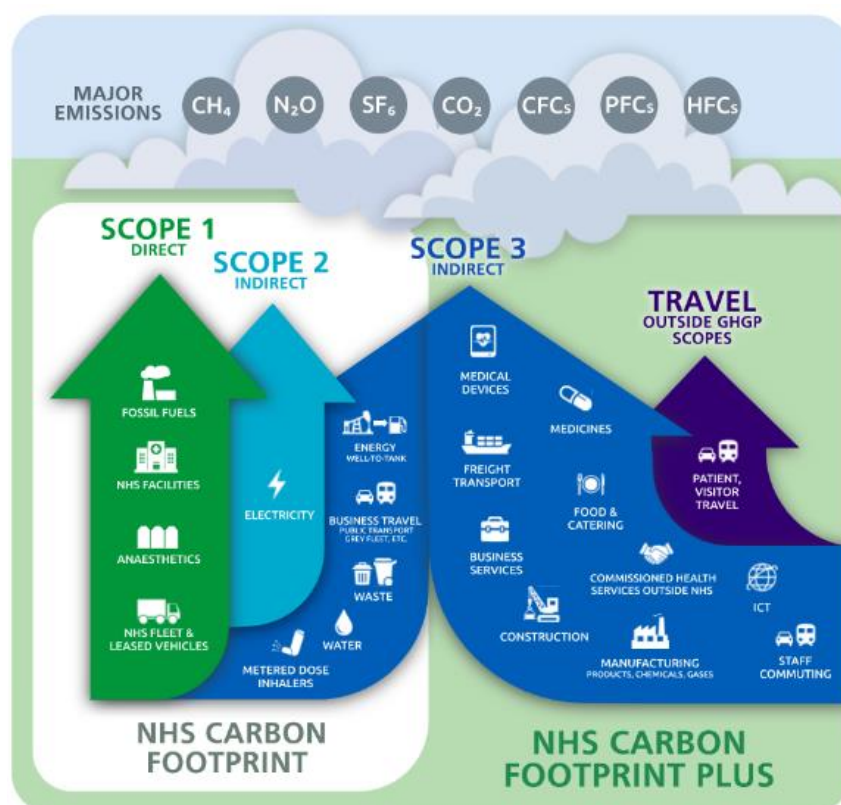
This tree has been given to the Trust as part of the Queens Green Canopy and featured outside Buckingham Place during the jubilee celebrations. The tree can found at the shared main entrance of the hospital and is marked with a plaque.

In respect of the Carbon Neutral Group commission this work focussed specifically on energy as described in Scope 1 and 2 within the National Infographic below.

The key line of enquiry included:

- Gas
- Diesel Oil
- Refrigeration's
- Anaesthetic Gases
- Electricity

The report provides for the first time a baseline assessment of utilities, using calculations provided by the Carbon Neutral Group using Defra guidelines.



#### 4. Conclusion

In summary the Carbon Neutral Group findings are as follows:

**The total carbon footprint within Scope 1 and 2 as at 2019/20 was 4,010.92 tonnes of CO<sub>2</sub>.**

**The total carbon footprint within Scope 1 and 2 as at 2021/22 was 3,125.52 tonnes of CO<sub>2</sub>.**

**This is a reduction of 858.4 Tonnes of CO<sub>2</sub>.**

Within scope 1 and 2 each utility area has seen reduction in CO<sub>2</sub>. Excellent progress has been made in respect of anaesthetic gases whilst refrigeration's (air conditioning and other coolants) a high emissions area, has remained static over the period.

A copy of the Carbon Neutral Group Report can be found at Appendix A.

The Trust will use this report from which to measure future progress toward the National Net Zero ambitions.

## **5. Recommendations**

The Board are asked to note the Carbon Neutral Assessment Report