

Case study: Homerton University Hospital NHS Foundation Trust

Homerton University Hospital NHS Foundation Trust, (the Trust) provides general health services within both hospital and community environments. The hospital has almost 500 beds spread across 11 wards, a 9-bed intensive care unit and maternity, paediatric and neonatal wards.

This is the Trust's first year of business carbon footprint reporting. This year's report includes emissions from energy use in the building (natural gas and purchased electricity), water and fleet.

The relative carbon footprint in year ending March 2017 was 1.7 tCO₂e per employee and the total carbon footprint was 5,885 tCO₂e.

Electricity emissions account for 72.6% of total emissions followed by natural gas which accounts for 25.7%.

To meet its sustainability commitments going forward, the Trust should:

- Ensure delivery of a board approved SDMP
- Complete LED lighting upgrade project
- Ensure delivery of a board approved travel plan, which includes sustainability improvements to patient transport services
- Develop staff engagement programmes and workshops.

What Homerton University Hospital did in 2016-17

Homerton University Hospital NHS Foundation Trust has achieved The Planet Mark™ certification by showing good practice in sustainability including:

Investment in the Eden Project to support education on climate change

5,885 tCO₂e measured carbon including electricity, gas, water and fleet

1.7 tCO₂e total carbon per employee

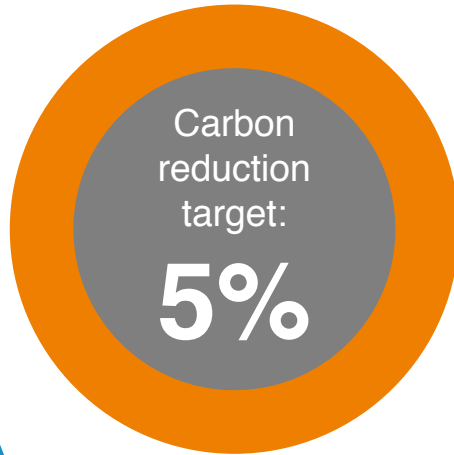
260 tCO₂ stored in one acre of protected rainforest

Commitment to engage employees and suppliers to drive improvement

Electricity accounted for 72.6% of total carbon footprint

What Homerton University Hospital plans to do in 2017-18

TARGETS



Recommendations

- Governance: ensure delivery of a board approved SDMP
- Buildings: complete LED Lighting upgrade project
- Fleet: ensure delivery of a board approved travel plan, which includes sustainability improvements to patient transport services
- Staff engagement: develop staff engagement programmes and workshops.



Total carbon footprint overview

Homerton University Hospital NHS
Foundation Trust

Reporting year ending 2017 / Highlights

Carbon footprint (tCO ₂ e)	5,885.0
Per employee (tCO ₂ e)	1.7
Next reduction target	5%
Data quality score	12 out of 20

Used	10,368,378	kWh of electricity
Used	8,224,783	kWh of natural gas
Used	90,142	m ³ of water
Travelled	20,181	km for business

Boundary: One hospital campus based in the London Borough of Hackney

Emissions measured:

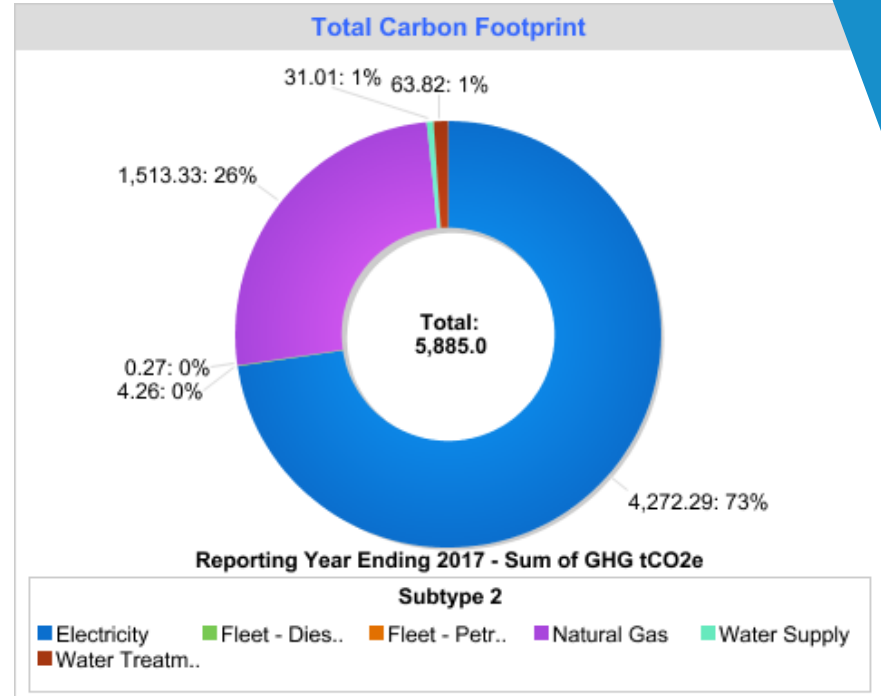


FIG 1- Total carbon footprint by emission source for reporting year ending 2017

The Planet Mark™

in partnership with
The Eden Project

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