

PPN-0621-Carbon Reduction Plan



storm 

Built on Trust

www.stormbuilding.com

1.0 Storm Building Limited

This Carbon Reduction Plan relates to Storm Building Limited also trading as Storm from Storm House, 379 Richmond Road, Richmond TW1 2EF.

Storm is a principal contractor based in Richmond providing new build, extensions, shell fit-out and refurbishment solutions valued up to £10m to the health, education, residential and office sectors in the London and Home Counties area.

2. Publication Date:

September 2023

3. Commitment to achieving Net Zero

Storm is committed to achieving Net Zero emissions by 2050. We will develop our “Climate Action Strategy” setting out our vision and ambition for net zero across our entire value chain (scope 1,2 and 3). Our strategy will establish specific short- and long-term actions toward our overarching net zero ambition.

To support our transition to net zero, we have set out specific areas of focus – these include.

- Net zero fleet and plant
- Innovation and collaboration
- Leading the supply chain
- Net zero materials
- Energy management
- Verification of carbon data.

This process had commenced in 2022 with Storm calculating its emissions baseline which can be measured, against which future progress can be measured and published for the first time against. With this baseline established the Directors of Storm with agree the first of 5 Five-year carbon reduction programmes to be adopted throughout all our operations and supply chains.

This process has already started with,

1. ISO14001 Environmental Accreditation
2. Introduction of VPN and cloud-based systems
3. Adopted Xelion VoIP phone systems.
4. Changed office lighting from Fluorescent to LED
5. Flexible working from home policy
6. Paper recycling in Office
7. Recyclable waste sorted on site.
8. Recycling of printer and photocopier ink and toner cartridges
9. Adoption of MS Team/Webinar to reduce staff travel.
10. Provision of showers and lockable bikes store in office
11. Staff encouraged to cycle or take public transport to office or site.

Net Zero Emissions will be achieved across scope 1 and 2 by 2050.
Storm's emissions will be reduced by 50% (across the entire value chain) by 2033.

Baseline Emissions Footprint

Baseline Year: 2022 - This is our first year of measurable information and will be our historic baseline

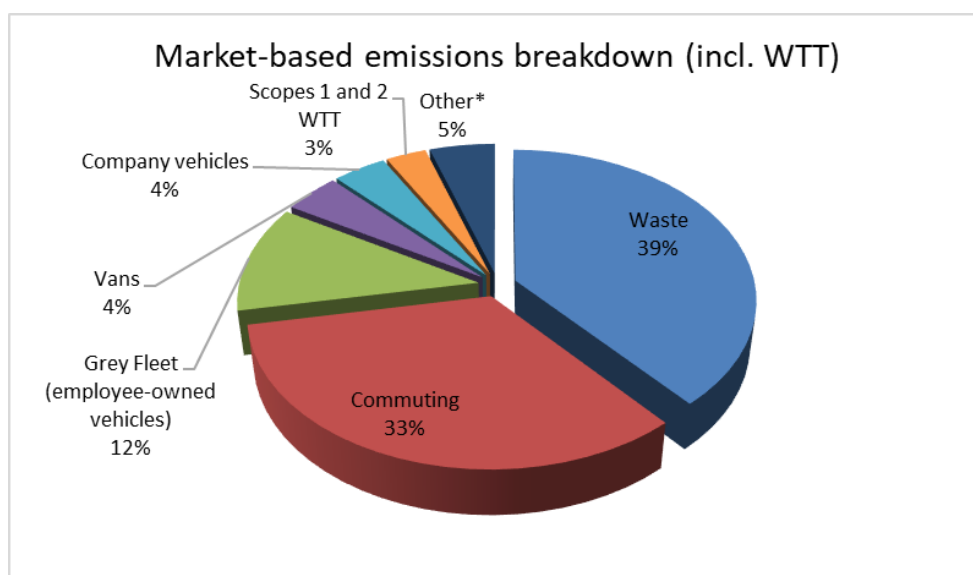
Additional Details relating to the Baseline Emissions calculations.

Our baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Storm's Baseline emissions have been calculated using the conversion factors developed by the UK Department for Environment, Food and Rural Affairs (Defra) and the Department for Business, Energy & Industrial Strategy (BEIS) for the year of reporting. As externally audited and verified by Carbon footprint Ltd a independent consultants.

Our baseline emissions footprint has been calculated as both "market based" and "location based". The figures and information used in calculations have been provided as accurate to the best of our knowledge and as far as practicable we have assumed that figures are representative of our operations. The waste data reporting represents waste removed by waste contractors directly employed by Storm.

The emissions were broken down as following for the period January to December 2022



*Other= Natural Gas, Electricity (Location-Based), Home-working, Computing, Paper, Transmission & Distribution (Location-Based), Wastewater, Water

Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	9.85
Scope 2	1.29
Scope 3 (Included Sources)	83.68 Paper: 0.29 Water: 0.02 Computing: 0.45 Scopes 1 & 2 WTT: 2.91 Transmission & Distribution: 0.15 Waste: 36.46 Wastewater: 0.04 Grey Fleet (employee Owned): 10.85 Commuting: 31.47 Home Working: 1.03
Total Emissions	94.81

Current Emissions Reporting

Reporting Year: 2023 - This is our first year of measurable information and so will be the same as our historic baseline.	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	9.85
Scope 2	1.29
Scope 3 (Included Sources)	83.68 Paper: 0.29 Water: 0.02 Computing: 0.45 Scopes 1 & 2 WTT: 2.91 Transmission & Distribution: 0.15 Waste: 36.46 Wastewater: 0.04

	Grey Fleet (employee Owned): 10.85 Commuting: 31:47 Home Working: 1.03
Total Emissions	94.81

Emissions reduction targets

In order to continue our progress to achieving Net Zero, It is company’s plan to focus on our top 3 contributors to carbon emissions of Waste, Grey Fleet and Commuting ad to develop a strategy to achieve a 25% reduction over the next five years and a 50% reduction over the next 10 years.

Waste:	36.46	50% by 2033
Grey Fleet (Employee Owned):	10.85	50% by 2033
Commuting:	31:47	50% by 2033

We project that carbon emissions will decrease over the next five years to 39.39 tCO_{2e} by 2228. This is a reduction of 41.54%.

Such emissions reductions strategies will include.

1. Review recycling of waste from site to maximum recycling and minimise landfill an
2. Incentivising staff to change their vehicle from Diesel and petrol to PHEV & electric vehicles including providing charging points and Eco-Driver training for all staff.
3. Incentivising staff to change their method of commuting.
4. All key management and site staff to undertaken carbon literacy training.

Other strategies being considered included.

5. Trail solar or wind powered welfare units and equipment on site such as fully electric digger and hydrogen tower lighting.
6. Upgrade office energy management control system and trail use of solar or wind powered for heating and lighting in the office.
7. Use energy broker to procurement renewable utilities and backed by REGO’.
8. Membership of Science Based Targets initiative (SBTi)
9. Subcontractor adoption of low carbon solutions included in supplier assessments.
10. Achieve PAS 2080 certification.

In the short-term Storm is proposing to use Carbon Offsetting both in the UK and internationally through Verra - Verified Carbon Standard (VCS), the Gold Standard - Voluntary Emission Reductions (VER) and the United Nations - Certified Emission Reductions (CER) programmes.

4. Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans. Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans using the appropriate Government emission conversion factors for greenhouse gas company reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3).

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of Storm Building Limited

Name: Chris Flannery

Role: Managing Director

Date: 12 September 2023