

# **Streamlined Energy & Carbon Reporting (SECR)**

**Buoyant Upholstery Limited**





# Buoyant Upholstery Limited

## Streamlined Energy & Carbon Reporting

1<sup>st</sup> October 2021 – 30<sup>th</sup> September 2022 Summary

### Overall Carbon Intensity

**0.03** tCO<sub>2</sub>e per Suite  
Equivalent (per annum)  
YOY -1.44%

**2,274.14** tCO<sub>2</sub>e  
tCO<sub>2</sub>e YOY -9.24%

### Carbon & Consumption

YOY = Year-on-year change

#### Natural Gas

**1,740,079** kWh  
**318.75** tCO<sub>2</sub>e  
tCO<sub>2</sub>e YOY: **-28.80%**

#### Electricity

**1,902,738** kWh  
**367.95** tCO<sub>2</sub>e  
tCO<sub>2</sub>e YOY: **-12.73%**

#### Transport

**6,590,147** kWh  
**1,587.45** tCO<sub>2</sub>e  
tCO<sub>2</sub>e YOY: **-2.99%**

### Carbon Intensity Metric

**0.004209** tCO<sub>2</sub>e per Suite  
Equivalent (per annum)  
YOY: **-22.68%**

**0.004859** tCO<sub>2</sub>e per Suite  
Equivalent (per annum)  
YOY: **-5.22%**

**0.020961** tCO<sub>2</sub>e per Suite  
Equivalent (per annum)  
YOY: **5.35%**

### Energy Saving Projects

#### Implemented

- LED Lighting
- Solar PV Installation



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# Executive Summary

Energy usage, associated emissions, energy efficiency actions and energy performance for Buoyant Upholstery Limited.



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## Streamlined Energy & Carbon Reporting

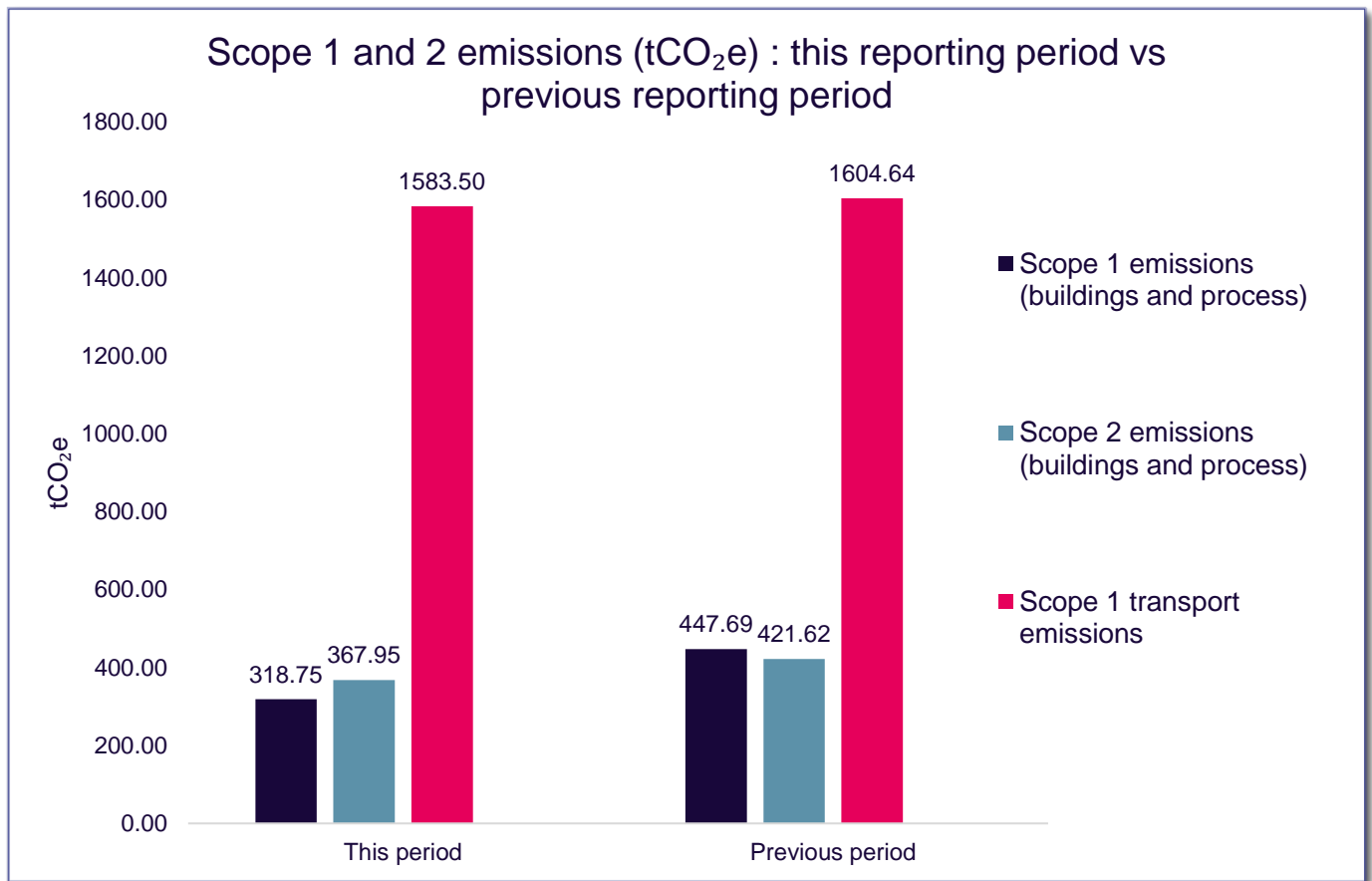
This report summarises our energy usage, associated emissions, energy efficiency actions and energy performance under the government policy Streamlined Energy & Carbon Reporting (SECR), as implemented by the Companies (Directors' Report) and Limited Liability Partnerships (Energy and Carbon Report) Regulations 2018.

It also summarises, in the appendix, the methodologies utilised for all calculations related to the elements reported under Energy & Carbon.

Buoyant Upholstery Limited are a UK incorporated business. Under the new SECR legislation we are mandated to include energy consumption, emissions, intensity metrics and all energy efficiency improvements implemented in our most recent financial year. An organisational boundary has been applied for the purposes of the reporting.

A total of 7% of consumption data used for SECR has been required to be estimated to achieve 100% data coverage.

### Year 3



Buoyant Upholstery Limited's Scope 1 and 2 direct emissions (combustion of natural gas and transportation fuels) for this year of reporting are 1,906.19 tCO<sub>2</sub>e, resulting from the direct combustion of 8,330,226 kWh of fuel. This represents a carbon reduction of 8.54% from last year.

Scope 2 indirect emissions (purchased electricity) for this year of reporting are 367.95 tCO<sub>2</sub>e, resulting from the consumption of 1,902,738 kWh of electricity purchased and consumed in day-to-day business operations. This represents a carbon reduction of 12.73% from last year.

Our operations have an intensity metric of 0.03 tCO<sub>2</sub>e per Suite Equivalent (per annum) for this reporting year.

This represents a reduction in operational carbon intensity of -1.44% from our previous reporting year.

# Organisational Structure and Qualification



## Buoyant Upholstery Limited.

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Buoyant Upholstery Limited is a large company incorporated in the UK.

We are required to comply with SECR, as we exceed the qualification thresholds of two of the three criteria (employee numbers, turnover, or balance sheet total).

## Data Quality and Completeness

Invoices have been entered into a fully managed energy database up to 30<sup>th</sup> September 2022.

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### Data Completeness

All Buoyant Upholstery Limited's electricity and gas invoices have been entered into a fully managed energy database up to 30<sup>th</sup> September 2022, and data quality checks have been conducted for data completeness and accuracy. All transport information has been entered into the energy database up to 30<sup>th</sup> September 2022.

There were several instances, equating to 7% of the total reported consumption, where it was necessary to calculate some estimated consumption to achieve 100% data coverage. Methodology of these estimation techniques is detailed in the appendix.

# Annual Reporting Figures

The total consumption and emissions figures for energy supplies reportable by Buoyant Upholstery Limited.



## Consumption (kWh) and Greenhouse Gas emissions (tCO<sub>2</sub>e) Totals

The following figures show the consumption and associated emissions for this reporting year for our operations, with figures from the previous reporting period included for comparison.

Scope 1 consumption and emissions relate to direct combustion of natural gas, and fuels utilised for transportation operations, such as company vehicle fleets.

Scope 2 consumption and emissions relate to indirect emissions relating to the consumption of purchased electricity in day-to-day business operations.

### Totals

The total consumption (kWh) figures for reportable energy supplies are as follows:

| Utility and Scope                   | 2021/22 Consumption (kWh) | 2020/21 Consumption (kWh) |
|-------------------------------------|---------------------------|---------------------------|
| Grid-Supplied Electricity (Scope 2) | 1,902,738                 | 1,985,691                 |
| Gaseous and other fuels (Scope 1)   | 1,740,079                 | 2,439,470                 |
| Transportation (Scope 1)            | 6,569,756                 | 6,774,633                 |
| Transportation (Scope 2)            | 20,391                    | 136,502                   |
| <b>Total</b>                        | <b>10,232,964</b>         | <b>11,336,296</b>         |

The total emission (tCO<sub>2</sub>e) figures for reportable energy supplies are as follows. Conversion factors utilised in these calculations are detailed in the appendix:

| Utility and Scope                   | 2021/22 Consumption (tCO <sub>2</sub> e) | 2020/21 Consumption (tCO <sub>2</sub> e) |
|-------------------------------------|--|--|
| Grid-Supplied Electricity (Scope 2) | 367.95                                   | 421.62                                   |
| Gaseous and other fuels (Scope 1)   | 318.75                                   | 447.69                                   |
| Transportation (Scope 1)            | 1,583.50                                 | 1,604.64                                 |
| Transportation (Scope 2)            | 3.94                                     | 31.75                                    |
| <b>Total</b>                        | <b>2,274.14</b>                          | <b>2505.70</b>                           |

## Intensity Metric

An intensity metric of tCO<sub>2</sub>e per Suite Equivalent (per annum) has been applied for our annual total emissions. An intensity metric of tCO<sub>2</sub>e per Floor Area (m<sup>2</sup>) has been applied to the annual total emissions that is related to the combustion of fuel (transportation). The methodology of the intensity metric calculations is detailed in the appendix, and results of this analysis is as follows:

| Intensity Metric                                  | 2021/22 Intensity Metric | 2020/21 Intensity Metric |
|---|--------------------------|--------------------------|
| tCO <sub>2</sub> e / Suite Equivalent (per annum) | 0.03                     | 0.03                     |
| tCO <sub>2</sub> e / Floor Area (m <sup>2</sup> ) | 0.08                     | 0.08                     |



# Energy Efficiency Improvements

Buoyant Upholstery Limited are committed to year-on-year improvements in their operational energy efficiency.



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## Energy Efficiency Improvements

We are committed to year-on-year improvements in our operational energy efficiency. As such, a register of energy efficiency measures available to us has been compiled, with a view to implementing these measures in the next five years.

### Measures ongoing and undertaken through 2021/22:

#### Solar PV Installation

We have been working with Inspired Energy to install solar panels to increase our energy efficiency and provide clean, renewable energy throughout our sites.

#### LED Lighting

LED lighting has been installed at several sites, which has provided an estimated annual energy saving of 106,189 kWh. These installations will continue to further reduce energy consumption across the sites.

# Compliance Responsibility

This report has been prepared for Buoyant Upholstery Limited by Net Zero Compliance: a division of Inspired Energy PLC.



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## Inspired Energy

This report has been prepared by Net Zero Compliance (a division of Inspired Energy PLC) for Buoyant Upholstery Limited by means of interpreting the Companies (Directors' Report) and Limited Liability Partnerships (Energy and Carbon Report) Regulations 2018 as they apply to information supplied by Buoyant Upholstery Limited and its energy suppliers.

Buoyant Upholstery Limited's registered CEO and CFO are responsible for complying with the Regulations. They must be satisfied that to the best of their knowledge all relevant information concerning Buoyant Upholstery Limited's organisation structure, properties, activities and energy supplies has been provided to Inspired Energy.

This includes details of any complex ownership structures (for example, private equity funds, franchises for private finance initiatives) and, generated on-site (including CHP), or supplied to/from a third party (i.e. not a licenced energy supplier or a landlord/tenant).

# Appendix

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## Reporting Methodology

Scope 1 and 2 consumption and CO<sub>2</sub>e emissions data has been calculated in line with the 2019 UK Government environmental reporting guidance. Emissions Factor Database 2022 version 1 has been used, utilising the published kWh gross calorific value (CV) and kgCO<sub>2</sub>e emissions factors relevant for reporting period 01/10/2021 – 30/09/2022.

Estimations undertaken to cover missing billing periods for properties directly invoiced to Buoyant Upholstery Limited were calculated on a kWh/day pro-rata basis at meter level. These estimations equated to 7% of reported consumption.

For properties where Buoyant Upholstery Limited is indirectly responsible for utilities (i.e. via a landlord or service charge), an average consumption for properties with similar operations was calculated at meter level and applied to the properties with no available data.

These full year estimations were applied to six electricity supplies, and two gas supplies.

Intensity metrics have been calculated using total tCO<sub>2</sub>e figures and the selected performance indicator agreed with Buoyant Upholstery Limited for the relevant report period:

- |                                |        |
|--------------------------------|--------|
| • Suite Equivalent (per annum) | 75,732 |
| • Floor Area (m <sup>2</sup> ) | 29,746 |





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