

# Carbon Reduction Plan

July 2022



urbaser ltd

08/07/2022

	<b>Carbon Reduction Plan</b>		PH&SGEN_06_UK_D01
			Version: 1      08/07/2022

Supplier name: **Urbaser Ltd**

Publication date: **08/07/2022**

## Commitment to achieving Net Zero

**Urbaser Ltd is committed to achieving Net Zero emissions by 2050.**

## Baseline Emissions Footprint

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.

<b>Baseline Year: 2020</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
<p>As part of the Streamlined Energy and Carbon Reporting (SECR) regulations, Urbaser Limited report their annual greenhouse gas emissions. This includes all emissions sources for Scopes 1 and 2 plus Scope 3 emissions we deem ourselves responsible for where information is practically available.</p> <p>The methodology used to calculate our emissions is based on financial control in accordance with the principles of ISO 14064 and the WRI/WBCSD GHG Reporting Protocols (revised edition). Utilising conversion factors for the period reported as issued by BEIS/DEFRA</p> <p>Scope 1 – Fleet fuel direct emission. Fuel reports on consumption and software tracking for fleet fuel optimization via safe and “green driving” and route optimization</p> <p>Scope 1 – Gas usage direct emission. Quarterly report on sites with meters and estimation on sites with no access to meters.</p> <p>Scope 2 – Electricity indirect emission. Yearly consumption from all operational sites in KWh.</p> <p>Scope 3 – Waste reduction direct emission. Waste data being monitored and reported on a quarterly basis.</p> <p>Scope 3 – Business travel direct emission. Data collection of business miles considering flights, car, train and ship. Monthly reports are produced.</p>	
<b>Baseline year emissions: 2020</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	<b>7,017.0</b>
<b>Scope 2</b>	<b>144.0</b>

<b>Scope 3 (Included Sources)</b>	<b>N/A</b>
<b>Total Emissions</b>	<b>7,161.0</b>

## Current Emissions Reporting

<b>Reporting Year: 2021</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	<b>9,239.5</b>
<b>Scope 2</b>	<b>154.5</b>
<b>Scope 3 (Included Sources)</b>	<b>41.7</b>
<b>Total Emissions</b>	<b>9,435.8</b>

Although Urbaser Limited's 2021 gross TCO<sub>2</sub>e emissions have increased by 32% compared to 2020, it should be noted that this increase is likely a result of the UK lockdowns imposed in 2020 and the first quarter of 2021, coupled with the inclusion of Scope 3 emissions and additional sites in 2021. Following the further review of Scope 3 requirements these figures may be subject to change as we re-baseline our data.

To ensure we continuously account for growth in our business and not negatively impact upon our monitoring and measuring of progress towards Net Zero, we have also established a carbon emission factor per employee. The inclusion of additional sites have resulted in a 40.5% increase in employees between the baseline 2020 and 2021 as shown in Table 2.

Current carbon emission factor per employee is shown in Table 2 below which shows an 8.9% decrease in emissions per employee

	<b>Baseline - 2020</b>	<b>Current - 2021</b>	<b>Annual Changes ± %</b>
Employees	952	1,338	40.5%
TCO <sub>2</sub> e / FTE	7.74	7.05	- 8.9%

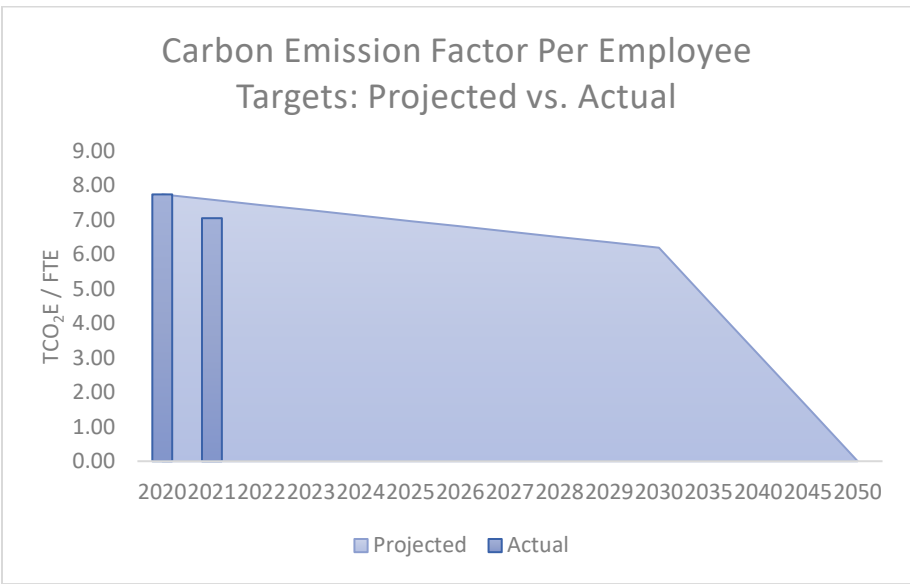
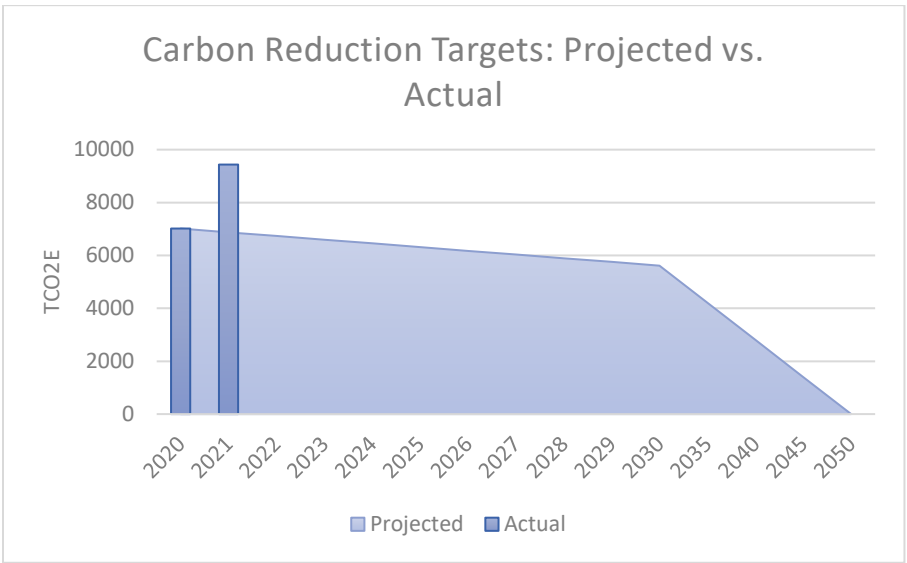
# Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

These energy and carbon reduction targets have been set to be achieved by December 2022 against the 2020 baseline. Further annual reduction targets will be implemented throughout 2023 – 2030 to ensure we meet our Carbon Net Zero commitments by 2050.

- Reduce the overall energy consumption by 2% at each location.
- Reduce company fleet emissions by 2% at each location
- Maintain the existing ISO 50001 Management System and implement roll out programme to cover current out of scope sites by 2027

Progress against these targets can be seen in the graph below:



## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

The following environmental and energy management measures and projects have been completed or implemented since the 2020 baseline. The total carbon emissions increased in the period equating to 2,274.8 tCO<sub>2</sub>e, a 32% increase against the 2020 baseline due to extra contracts being awarded, resulting in an increase in sites and a 40.5% increase in company employees.

However, the current carbon emission factor per employee shown in Table 2 shows an 8.9% decrease in emissions per employee in the same period attributable to these schemes. With the measures highlighted below, Urbaser Ltd expects a further reduction in the carbon emission factor per employee for the 2022 carbon reporting period. The measures put in place to achieve these carbon savings will be in effect for all future contracts where applicable.

- **Established our Carbon Net Zero Strategy by 2050** – this in the form of a Carbon Reduction Policy statement with Board sign off by Urbaser Ltd's Managing Director.
- **Introduction of Environmental and Carbon reduction targets and monitoring into the existing IMS procedures.**
- **ISO 14001: 2015 - successful renewal of certification.**
- **ISO 50001: 2018 - successful renewal of certification.**
- **Route optimisation of collection rounds and cleansing schedules** – use of route optimisation software to redesign the rounds and schedules to ensure that our vehicle and resource movements are completed in the most fuel and time efficient manner.
- **Vehicle tracking and fuel consumption monitoring** – Urbaser installs tracking and telematics system to optimise the schedules wherever possible and uses the driving behaviour module to increase fleet safety and reduce fuel consumption.
- **Adoption of electric vehicles as company cars and on contracts** – inclusion of hybrid and electric vehicle options on the company car list and on our contracts. Hybrid and electric vehicle options are selected where these are cost effective and proven to provide like for like performance through trials on our operational contracts.
- **Fleet sustainability measures to not only lower long-term costs such as spending less on fuel and maintenance but also reduces carbon emissions, PM and NOx:**
  - Weekly tyre pressure checks as under inflated tyres increase vehicle drag which in turn increases fuel consumption.
  - Speed limiters across the fleet where possible to dramatically reduce the fuel consumption and emissions.
  - Euro 6 compliant fleet across our contracts including any replacement or temporary vehicles that may be used to deliver the services in the event of frontline vehicle unavailability.
- **Reducing travel emissions through the following measures:**
  - Encouraging the use of video conferencing rather than face to face meetings through provision of video conferencing facilities at offices and depots.
  - Encouraging homeworking / hybrid working for job roles where this is possible
  - Creation of a Workplace Travel Plan on a contract-by-contract basis.
- **Promotion of sustainable ways of employee commuting to offices and depots:**
  - Encouraging employees to use public transport where possible.
  - Cycle to Work Scheme vouchers for all employees to fund the purchase of new bicycles.
  - Employee Car Share Scheme in each contact location, to reduce all unnecessary vehicle commuting.

- Each contract has a local Staff Travel Champion who manages the staff noticeboards to display notices about the Workplace Travel Plan including upcoming schemes or challenges to promote sustainable commuting to and from work, such as Bike Week or Cycle to Workday.
- **Implementation of offices and depots energy management and sustainability measures:**
  - Adoption of LED/PIR lighting controls to reduce lighting power consumption
  - Use of energy efficient appliances with strong energy ratings (printers, computers, servers, fridges etc.) to reduce office power consumption.
  - Introduction of recycling points across offices and depots to encourage employees to recycle.
  - Paperless workplaces through the use of ICT waste management systems and corporate support systems to reduce the reliance on paper.
  - Tackling 'Non-recyclable' and 'Single-Use' by minimising non-recyclable items and single-use plastics supplied to employees (e.g., straws, bottles, disposable cutlery, cups and plates, plastic stirrers).
  - Switching of our energy contracts to green energy suppliers supplying from renewable sources as and when contracts are up for renewal.
- **Monthly Health & Safety Board meetings and monthly Corporate QSHE Contract meetings** - to monitor and drive further improvement across the business areas.
- **Internal and external communication of our Carbon Reduction Plans and Carbon Reduction Projects** - through staff inductions, Urbaser Intranet, email bulletins and newsletters, offices and depots notice boards and quarterly campaigns.

## Future Carbon Reduction Initiatives

In the future we hope to implement further measures such as:

- **Full Compliance to Energy Savings Opportunity Scheme (ESOS) part III requirements**
- **Full transition to electric and alternative fuel vehicles** – in addition to further roll out of electric vehicles across the company, switching to alternative fuels such as Hydrotreated Vegetable Oil (HVO) biofuel and hydrogen. Urbaser has already completed trials of HVO on our Gosport Streetscene Services contract (September 2021), and also on our Selby Environmental Services contract (November 2021 to February 2022) to demonstrate that HVO biofuel is a viable intermediary fuel to deliver carbon emission savings ahead of a permanent switch to electric or other alternative fuels.
- **Commitment that all future contracts will have vehicle tracking and telematics systems** - to optimise the work schedules, reduce fuel consumption and increase fleet safety.
- **Support our local authority clients with the ongoing Green Recovery and future budget constraints** – identifying more efficient work practices to deliver financial savings whilst continuing to deliver carbon reduction savings.
- **Baselining our waste generated in operations data and implementing reduction targets and monitoring methods by 2023/2024.**
- **Driving waste minimisation, increasing reuse and recycling, and reducing waste to landfill in line with the 2018 UK Government's Resources and Waste Strategy for England** – this includes future delivery of the main elements of the Strategy comprising Extended Producer Responsibility (EPR), consistency in collections, tackling food and plastic waste and Deposit Return Scheme (DRS).
- **Measures to increase supply chain sustainability:**
  - Requirement to procure any new electricity supply contract from renewable sources with the UK objective of 100% supply from renewable sources in 2022.
  - Promoting sustainable procurement to suppliers throughout our supply chains to encourage carbon reduction.
  - Encouraging use of local suppliers.
  - Procurement of products made out of recycled materials wherever possible.
- **Maintain our ISO 14001: 2015 certification.**
- **Maintain our ISO 50001: 2018 certification.**

## 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 and the GHG Reporting Protocol corporate standard<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

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) Standard<sup>3</sup>.

This Carbon Reduction Plan has been reviewed and signed off by Urbaser Ltd's Managing Director on behalf of the Board of Directors

***Signed on behalf of Urbaser Ltd:***

A handwritten signature in blue ink, appearing to read 'Javier Peiro', with a horizontal line drawn underneath it.

Javier Peiro, Managing Director

Date: 08/07/2022

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<sup>1</sup> <https://ghgprotocol.org/corporate-standard>

<sup>2</sup> <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>3</sup> <https://ghgprotocol.org/standards/scope-3-standard>



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