

Carbon Reduction Plan

Supplier name: Tilbury Douglas

Publication date: July 2025

Commitment to achieving Net Zero

Tilbury Douglas is committed to becoming a Net Zero business by 2040.

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.

Baseline year: 2019

Additional details relating to the Baseline Emissions calculations.

Tilbury Douglas has established 2019 as its baseline year.

Historical reporting for Scope 3 emissions has been limited to business travel, employee commuting, waste to landfill and electricity transmission and distribution. The Scope 3 categories required by the PPN 06/21 have been updated and included in both the baseline year, 2019, and latest recording year, 2024.

Category 9 of the GHG Protocol does not apply to Tilbury Douglas.

Tilbury Douglas' emissions have been broken down and calculated as below:

Scope 1: All DEFRA UK Government GHG Conversion Factors

- Company car business travel (Litres of diesel and petrol)
- On-site diesel use (Litres of gas oil)
- Gas (kWh)

Scope 2: All DEFRA UK Government GHG Conversion Factors

- Electricity (kWh)
- Heating

Scope 3: All DEFRA UK Government GHG Conversion Factors (except Category 4)

- Electricity T&D (kWh)

- Employee commuting (Litres of diesel and petrol)
- Mileage from expense system (mileage)
- Travel from rail, taxi and air (pkm)
- Waste to landfill, reused and recycled (tonnes)
- Water and wastewater (m3)
- Transportation and distribution of products purchased (£ spend – calculated with an EIO posted on the GHG Protocol website)

Baseline year emissions: 20,865

EMISSIONS	TOTAL (tCO ₂ e)
	<u>20,865</u>
Scope 1	3,992
Scope 2	827
Scope 3 (Included Sources)	Category 4 – 12,803 Category 5 – 400 Category 6 & 7 – 2,766 Water/Wastewater – 7 T&D Electricity – 70 Total: 16,046
Total Emissions	<u>20,865</u>

Current emissions reporting

<u>Reporting Year: 2024</u>	
EMISSIONS	TOTAL (tCO ₂ e)
	<u>19,952</u>
Scope 1	2,159
Scope 2	474
Scope 3 (Included Sources)	Category 4 – 16,627 Category 5 – 27 Category 6 & 7 – 599 Water/Wastewater – 25 T&D Electricity – 41 Total: 17,319
Total Emissions	<u>19,952</u>

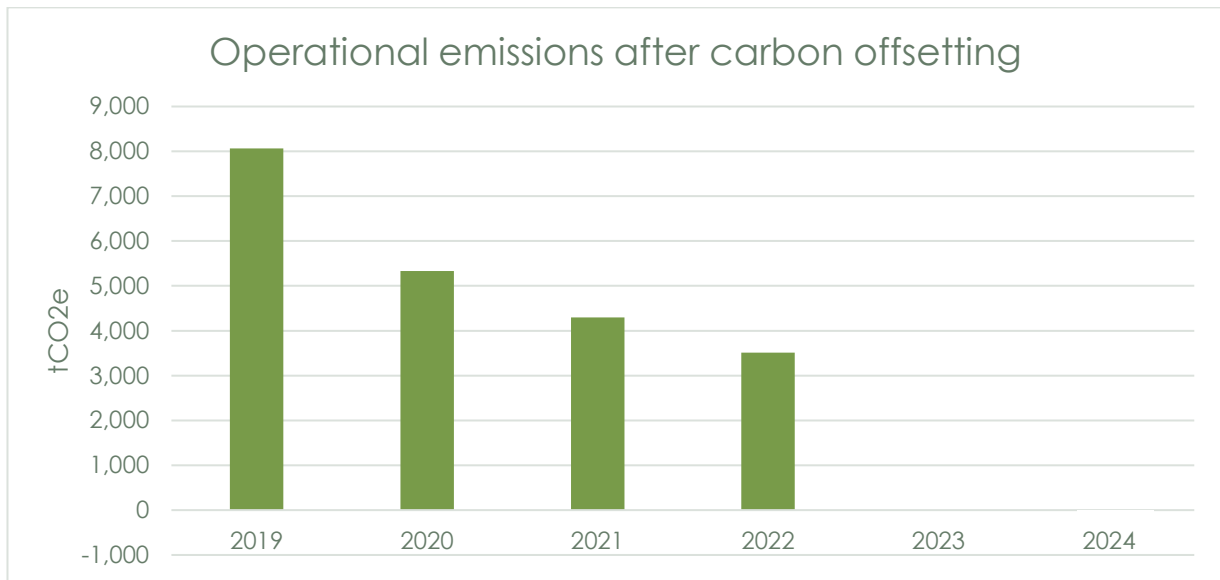
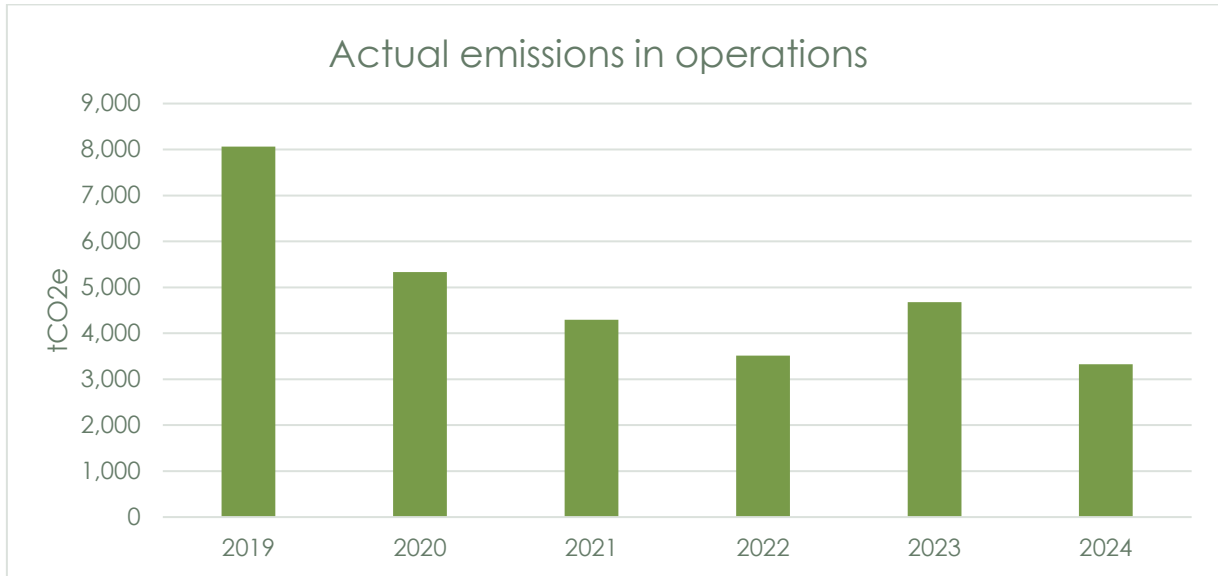
Emissions reduction targets

Tilbury Douglas adopts an operational control consolidation approach to account for our carbon emissions. This organisational boundary has been set with reference to the methodology described in the GHG Protocol and ISO 14064-1:2018 standard. Tilbury Douglas emission targets are based on the emissions reported through the Carbon Reduce scheme. This excludes Scope 3 emissions related to Category 4 and emissions from waste diverted from landfill.

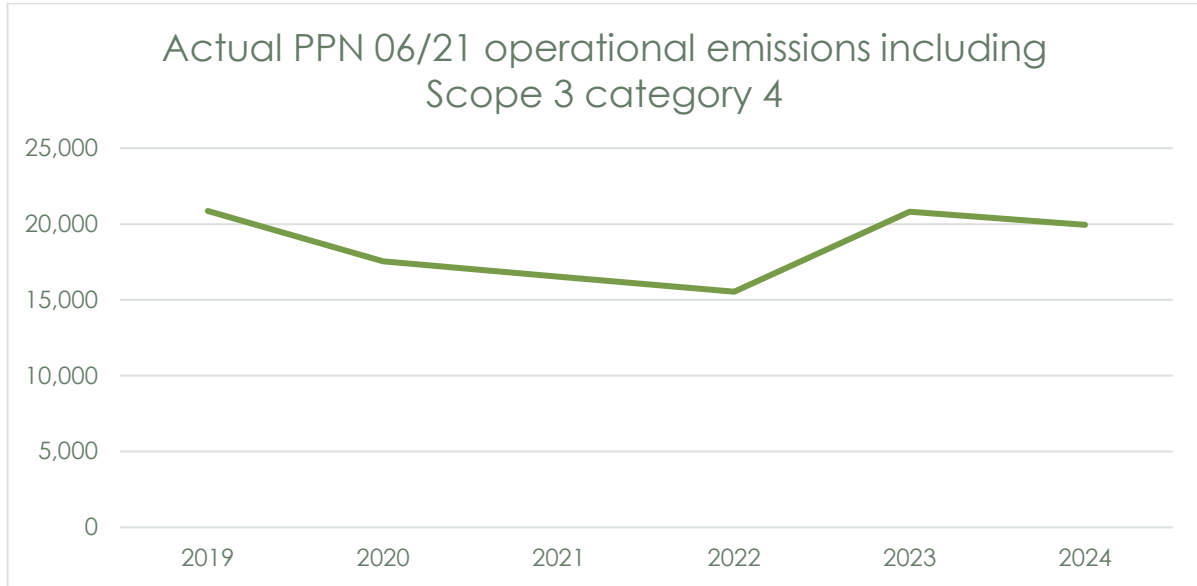
Tilbury Douglas has committed to being:

- Carbon Neutral in its operations, taking into account Scope 1, Scope 2 and operational Scope 3 emissions. This has been successfully achieved by offsetting its operational emissions via credible renewable energy projects within a commonwealth country, verified by VERRA. The carbon Zero certification was issued by Achilles Carbon Management Solution, a renown and credible certifier of voluntary carbon offsets which only uses a globally recognised and verified carbon standard.
- A net zero organisation by 2040, including wider Scope 3 emissions from our supply chain. During 2025, we are working to establish a baseline for our wider Scope 3 emissions, supporting a more complete view of our carbon impact.

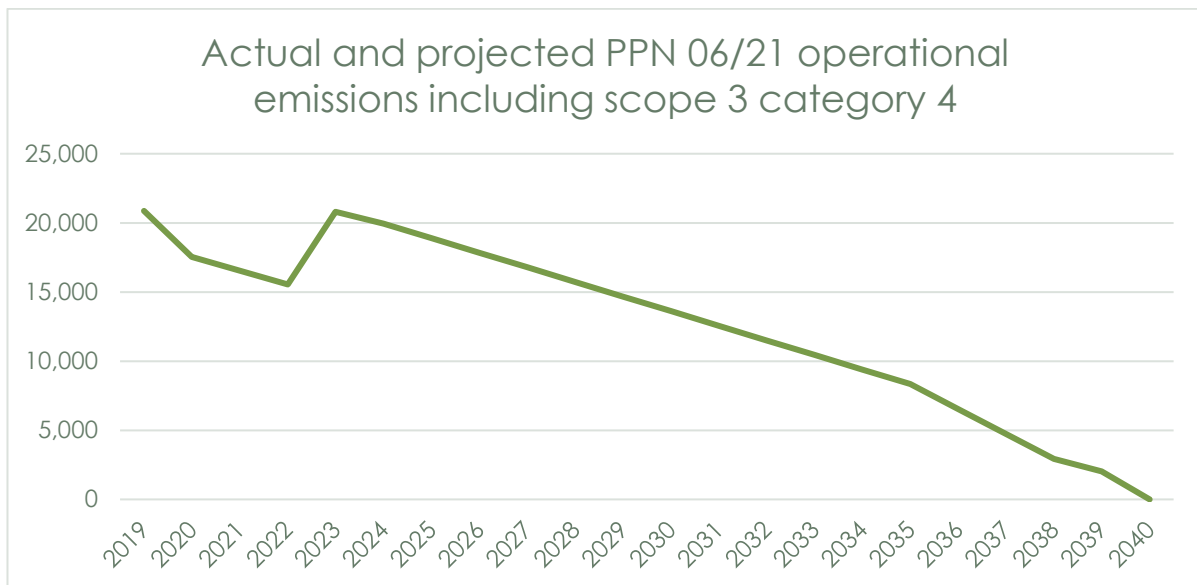
The graphs below illustrate our operational carbon emissions since 2019, excluding Scope 3 Category 4, before and after offsetting in 2023 and 2024 .



The graphs below illustrate our actual operational carbon emissions since 2019, including Scope 3 Category 4 and our projected operational carbon emissions including Scope 3 Category 4, reducing to Net Zero by 2040.



Actual emissions



Actual and projected emissions

Carbon reduction approach and strategies

As part of our broader Environmental, Social and Governance (ESG) strategy – “Building a better future together”, Tilbury Douglas is committed to embedding carbon reduction into every level of our operations, project delivery, and supply chain. This approach directly supports our ESG objectives and is a core element of our commitment to responsible, transparent, and resilient business practices. Our carbon reduction strategy is aligned with:

- ISO 14001:2015 Environmental Management System certification (transferred to BSI in 2024).
- Annual GHG audits under ISO 14064-1:2018, verified by Achilles.
- Full compliance with Streamlined Energy and Carbon Reporting (SECR) requirements.

Operational emission reductions (Scope 1 & 2)

We are focused on reducing direct emissions (Scope 1) and indirect emissions from purchased energy (Scope 2) through a targeted programme of operational efficiency initiatives including:

Site-based reductions

- Transition from diesel to Hydrotreated Vegetable Oil (HVO) fuel across construction sites, achieving a 58% reduction in site-based fuel emissions to date.
- Continued rollout of low energy eco-site cabins powered by solar energy, reducing dependency on fossil fuels.
- Expansion of EV charging infrastructure across permanent and temporary site locations.

Office-based initiatives

- All permanent offices are now supplied via green energy tariffs (electricity and gas), supporting a cleaner Scope 2 profile.
- Optimised energy usage policies and digital building management tools to monitor and reduce consumption.
- Implementation of flexible working and hybrid models to lower commuting emissions and reduce workspace related energy usage.

Business travel

- Active promotion of cycle-to-work schemes, safe car-sharing, and public transport options for all employees.
- Increasing uptake of our salary sacrifice green car scheme, supporting EV and hybrid vehicles – 68 vehicles in 2023, an additional 121 vehicles in 2024.

Scope 3 Emissions and supply chain engagement

We recognise that a significant proportion of our carbon footprint lies in wider Scope 3 emissions – particularly Scope 3 Category 1 from goods and services purchased from our supply chain. To address this:

- We have committed to supporting 25% of our supply chain in developing their own Carbon Reduction Plans by 2025, increasing to 80% by 2030.
- Suppliers are onboarded and assessed against environmental criteria.
- Embodied carbon data is integrated into procurement decisions and measured through our ESG strategy. Whole-life carbon assessments are undertaken on all major projects.

This collaborative approach is essential to achieving our goal of reducing emissions at source.

Client-focused carbon solutions

In alignment with our ESG objectives, we are actively working with clients to decarbonise the built environment and support their own net zero pathways. This includes:

- Undertaking whole life carbon assessments throughout the project lifecycle to minimise client operational carbon emissions as well as embodied carbon
- Implementing Modern Methods of Construction (MMC), reducing both programme length and embodied carbon.
- Applying digital construction tools, such as Tilbury Douglas Connect Configurator digital design tool and Building Information Modelling (BIM) to optimise design efficiency and minimise construction waste at the design stage.

By embedding sustainable design principles early in the project lifecycle, we are ensuring that carbon-conscious decisions are made from the outset.

Performance and reporting

We track performance using a robust set of ESG aligned KPIs, including:

- GHG intensity (tCO₂e/£m revenue) – reduced from 8.0 in 2023 to 5.4 in 2024
- Operational emissions (Scope 1 & 2) – reduced by 45% since 2019 baseline
- Total GHG emissions (including reported Scope 3, excluding Scope 3 category 4) – reduced by 59% since 2019 baseline

All data is externally audited and publicly disclosed through our Carbon Reduction Plan and in our Annual Report, in compliance with:

- PPN 06/21
- SECR
- ISO14064-1 and Carbon Reduce Certification

Declaration and sign-off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21, associated guidance and reporting standard for Carbon Reduction Plans. This Plan has been reviewed and approved by the Tilbury Douglas Board of Directors and complies with all relevant carbon reporting and procurement requirements.

Emissions have been reported in accordance with the GHG Protocol, using approved UK Government conversion factors, and supplemented by EEIO factors where required. Scope 3 emissions reporting is aligned with the Corporate Value Chain (Scope 3) Standard.

This plan forms a key component of our ESG governance structure, with oversight provided by the Tilbury Douglas ESG Committee, comprising senior leadership, the ESG Director, and the CFO.

Signed on behalf of the Supplier:



Mark Buckle – Technical Director
Date: 26/07/2025