



# 2024 CARBON REDUCTION PLAN COLAS LTD



WE OPEN THE WAY

# Carbon Reduction Plan

**Supplier name:** Colas LTD

**Publication date:** 29th September 2024

**Introduction to Colas with Vision, Mission and Values.**

## OUR VISION

We open the way to CONNECT communities through sustainable, innovative infrastructure solutions.

## OUR MISSION

The people of Colas COLLABORATIVELY deliver INNOVATIVE and SUSTAINABLE, end-to-end infrastructure SOLUTIONS that utilise our local EXPERTISE, global strength and TECHNICAL know-how.

## OUR VALUES

Our values are behind everything we do and everything we stand for. They describe the qualities that have made us the company we are and will help us become the company we want to be.



### CARING

At Colas we are driven by our duty of care, for our employees, our customers and partners and for the environment and society.

Acting ethically and preserving the safety of those who accompany us will always remain our priority.



### SHARING

At Colas we believe that pooling talents and resources in all their diversity and cross-disciplinary bridges is a source of progress and new ideas.

Our global expertise combined with local knowledge optimises shared knowledge and understanding.



### DARING

Colas was founded on a culture of innovation and a pioneering mindset. We are driven to move forward, explore new horizons and reinvent ourselves.

We welcome new ideas, approaches and thinking.

## Colas' Commitment to achieving Net Zero

Colas LTD is committed to achieving Net Zero emissions by 2040 as well as committed to the Science Based Targets Initiative at a 1.5-degree future meaning we want to ensure our activities do not contribute to global warming of 1.5 degrees and over.

## 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.

Colas has gone through a journey of travel to improve data by developing systems which pulls data direct from Copernic, which is our finance system. This therefore allowed us to re-baseline 2019 data with more reliable data. From 2025 we will be able to have 100% of our data provided automatically by this rate and monitored by the Colas Carbon Footprint tool for business level reporting as well as Carbon Counter Tool for site-based emissions for scopes 1, 2 and 3A data.

<b>Baseline Year: 2019</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
Existing Scope 3 emissions reporting (to be reviewed in the coming months)	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	17,096
<b>Scope 2</b>	1,671
<b>Scope 3 (PPN06/21 Included Sources)</b>	<p>4,942</p> <p>Categories included:</p> <ul style="list-style-type: none"> <li>▪ Upstream transportation and distribution</li> <li>▪ Waste generated in operations</li> <li>▪ Business travel</li> <li>▪ Employee commuting</li> <li>▪ Downstream Transportation and Distribution (<i>not Available for Baseline Year</i>)</li> </ul> <p><i>Transportation and distribution of sold products are carried out by COLAS by its own vehicles or by third party carriers commissioned by COLAS. In consequence, the emissions of this category are included in the category "4. Upstream transportation &amp; distribution".</i></p>

<b>Total Emissions</b>	23,710
<b>Scope 1,2 &amp; 3 tCO<sub>2</sub>e/£m</b>	90 (with Location Based Electricity)

## Current Year Emissions Reporting

Reporting Year: 2023	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	11,845
Scope 2	81 (Market Based) 773 (Location Based)
Scope 3 (PPN06/21 Included Sources)	5,433 Categories included: <ul style="list-style-type: none"> <li>▪ Upstream transportation and distribution</li> <li>▪ Downstream transportation and distribution</li> <li>▪ Waste generated in operations</li> <li>▪ Business travel</li> <li>▪ Employee commuting</li> </ul>
<b>Total Emissions</b>	17,359
<b>Scope 1,2 &amp; 3 tCO<sub>2</sub>e/£m</b>	61 (with Market Based Electricity) 65 (with Location Based Electricity)

## Emissions reduction targets

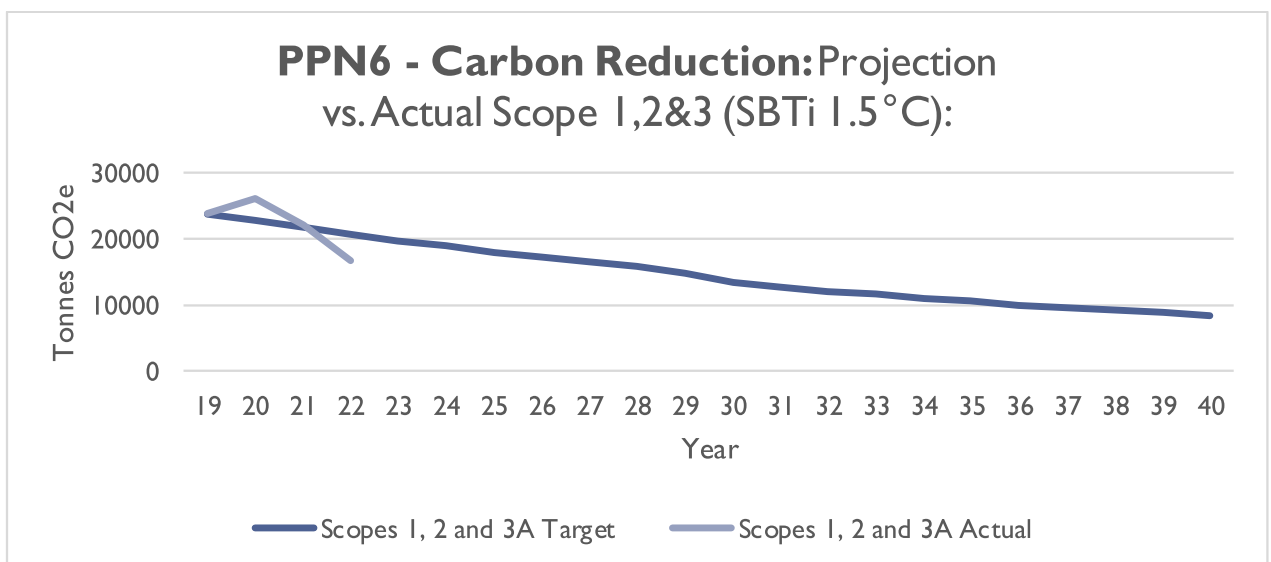
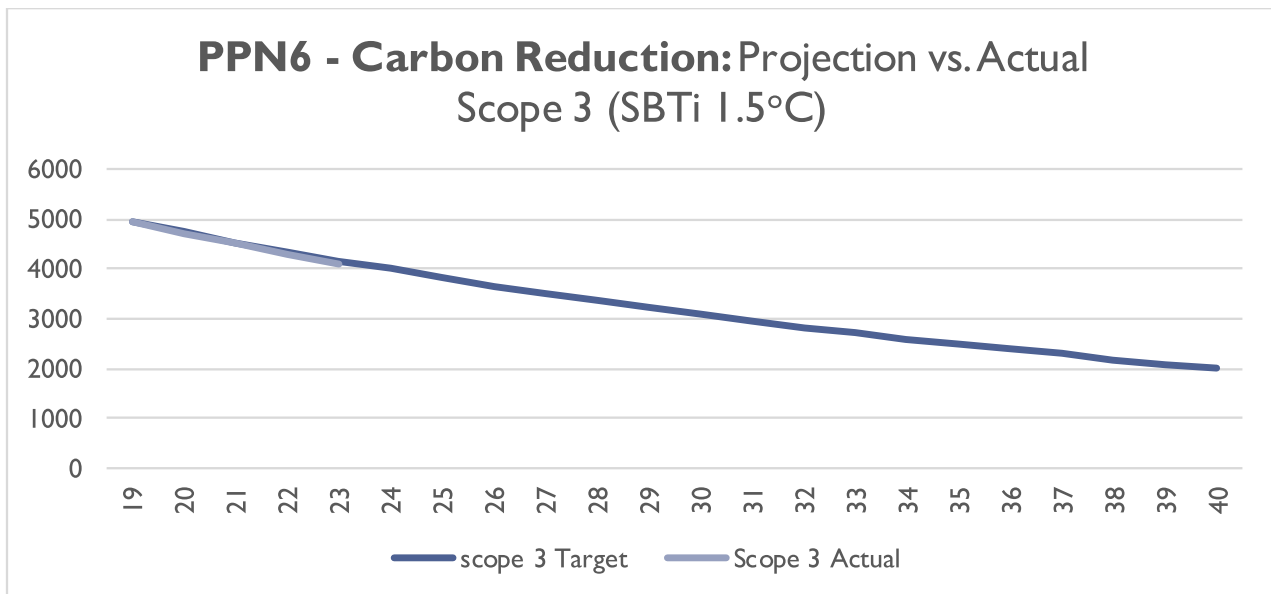
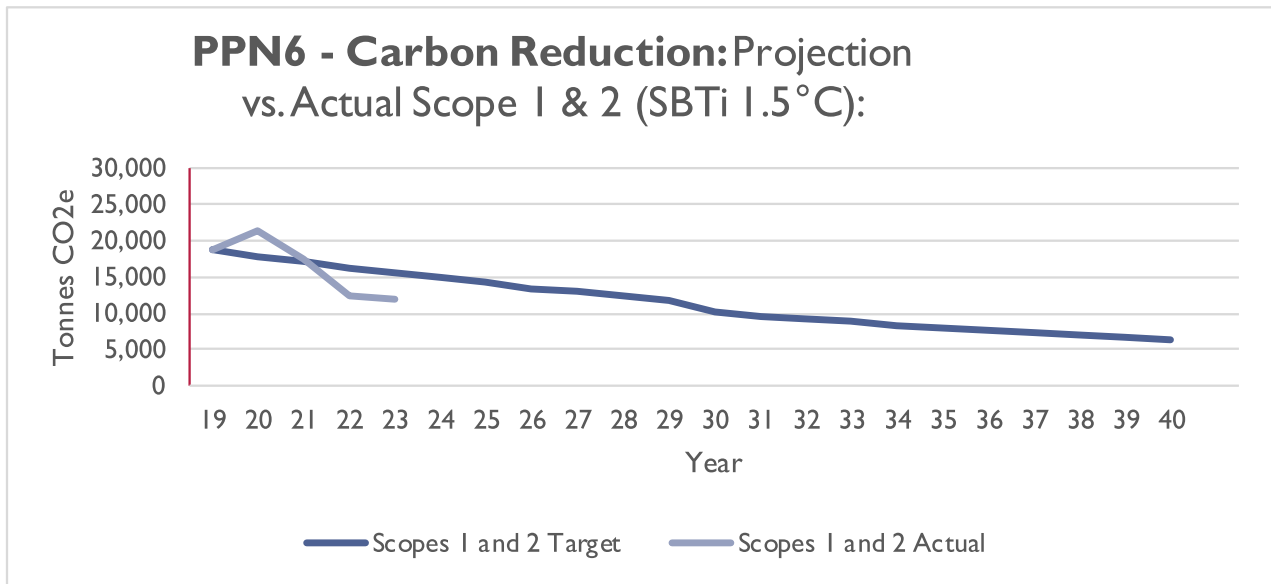
In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets 1.5°C on scope 1, 2 and 3a subset (subset: Upstream and downstream transportation and distribution, Waste generated in operations, Business travel and Employee commuting).

Our targets are consistent with Science Based Targets initiative methodology, Colas Ltd commits to:

- reduce **absolute** Scope 1 & 2 GHG emissions 46.2% by 2030 from a 2019 base year
- reduce **absolute** Scope 3a subset GHG emissions 46.2% by 2030 from a 2019 base year

Beyond those targets, we aim to be net zero by 2040 on the same scope (scope 1,2 & 3a subset).

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



## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline.

- Developed the UK Carbon Reduction Plan.
- Introduction of: -
  - an automated carbon reporting system – Carbon Footprint / Carbon Counter tools.
  - telematics to assist in obtaining data on vehicle efficiencies and establishing Electric Vehicle Suitability to support the implementation of a zero-carbon commercial fleet.
  - telematics systems for asphalt plants (HAMP report) to monitor efficiency & energy use.
  - company car procurement policy, with all future leases 100% electric cars.
  - Green electricity contracts.
  - Procurement contracts with key suppliers.
- Increased the use of:-
  - low carbon fleet solutions including electric, CNG and HVO fuel.
  - Recycled Asphalt Plainings (RAP) % within asphalt production.
  - Onsite renewable generation.

The carbon emission reduction achieved by these schemes equate to 7,037 tCO<sub>2</sub>e, a 29% reduction against the 2019 baseline and the measures will be in effect when performing works on behalf our clients.

*Since 2022, data collection and calculation methodologies have been improved and consequently Colas has remeasured the baseline year of 2019.*

<b>Carbon Reduction Project</b>	<b>Carbon Reductions by 2030</b>	<b>Tonnes Savings</b>	<b>% of Total Savings from Total Baseline</b>	<b>Status</b>
Decarbonise and Include Zero Emission Fleet, Plant and Equipment Onboarded When Technology is in Place including: <ul style="list-style-type: none"> <li>• Zero Emission Cars, HGVs and Vans</li> <li>• Car Allowance</li> <li>• Improve Driver / User Behaviour</li> <li>• Implement Energy Saving Techniques to fleet, plant, equipment</li> </ul>	1. Baseline scenario – 13,057 Tonnes CO2e Fleet	<b>1,537</b>	<b>14%</b>	Ongoing <ul style="list-style-type: none"> <li>• 12% complete</li> <li>• 7% vehicles HVO</li> <li>• 12% vehicle Electric</li> <li>• 0.001% Vehicle CNG</li> </ul>
Bio LPG Green Gas Certification Scheme to replace LPG Including Carnsew Asphalt Plant Burner	1. Baseline scenario - 582 Tonnes CO2e Fleet	<b>0</b>	<b>0%</b>	Planned for 2030
Green Gas Contracts to be set up with Green Gas Certification Scheme Certificates	1. Baseline scenario - 1473 Tonnes CO2e Fleet	<b>0</b>	<b>0%</b>	Planned for 2030
Green Electricity Certificates in Place for All Electricity Procured	1. Baseline scenario - 1671 Tonnes CO2e Fleet	<b>1590</b>	<b>15%</b>	95% complete 28 sites out of 38 on green electricity contract
Other Actions Determined by the Carbon and Biodiversity Road Map including Freight, Business Travel and Commuting	1. Baseline scenario - 4659 Tonnes CO2e Fleet	<b>7</b>	<b>0.06%</b>	Electricity Sourced through Onsite Renewables
Baseline 2019 - 46% Reduction	<b>10,905</b>	<b>3,126</b>	<b>29%</b>	29% of Savings made from 2030 Target of 10,905 tonnes co2e
<b>Total Baseline - 2019</b>	<b>23,709</b>			

## 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 the board of directors (or equivalent management body).

Signed on behalf of Colas:

Faical Lahmamsi – Chief Executive Officer of Colas Ltd.

Date: 24/09/2024

(Signed version held on the internal IMS System)

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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>



# REIMAGINING THE WAY TO POSSIBLE

Roads foster mobility, shape economies, create **SHARING**. They build links between communities and between people. We are imagining, building, maintaining and recycling, **CARING** for people and the environment. The people at Colas, preserve and grow our unique heritage, that everyone benefits from today and which we will pass onto future generations around the world with **DARING**. We design the roads of the future, and together, we face the challenges of tomorrow in an innovative sustainable way.

Colas opens the way to a world of possibilities.

**Colas Limited**  
6210 Bishops Court  
Birmingham Business Park  
Solihull Parkway  
Birmingham  
B37 7YB

**0333 577 3577**  
**info@colas.co.uk**  
**www.colas.co.uk**



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