



CARBON REDUCTION PLAN COLAS LTD



WE OPEN THE WAY

Carbon Reduction Plan Template

Supplier name: Colas LTD

Publication date: 29th September 2023

Commitment to achieving Net Zero

Colas LTD is committed to achieving Net Zero emissions 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.	
Existing Scope 3 emissions reporting (to be reviewed in the coming months)	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	13,870
Scope 2	1,076
Scope 3 (Included Sources)	20,917 Categories included: <ul style="list-style-type: none">▪ Upstream transportation and distribution▪ Waste generated in operations▪ Business travel▪ Employee commuting <p><i>Downstream transportation and distribution: not applicable</i></p> <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 & distribution".</i></p>

Total Emissions	35862
Scope 1,2 & 3 tCO2e/£m	195

Current Emissions Reporting

Reporting Year: 2022	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	10,371
Scope 2	23
Scope 3 (Included Sources)	29200 Categories included: <ul style="list-style-type: none"> ▪ Upstream transportation and distribution ▪ Downstream transportation and distribution ▪ Waste generated in operations ▪ Business travel ▪ Employee commuting
Total Emissions	39594
Scope 1,2 & 3 tCO2e/£m	159

Emissions reduction targets

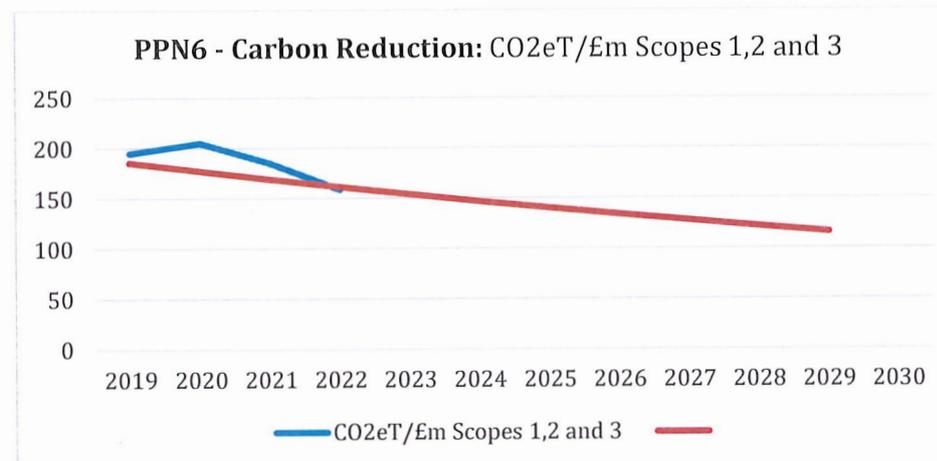
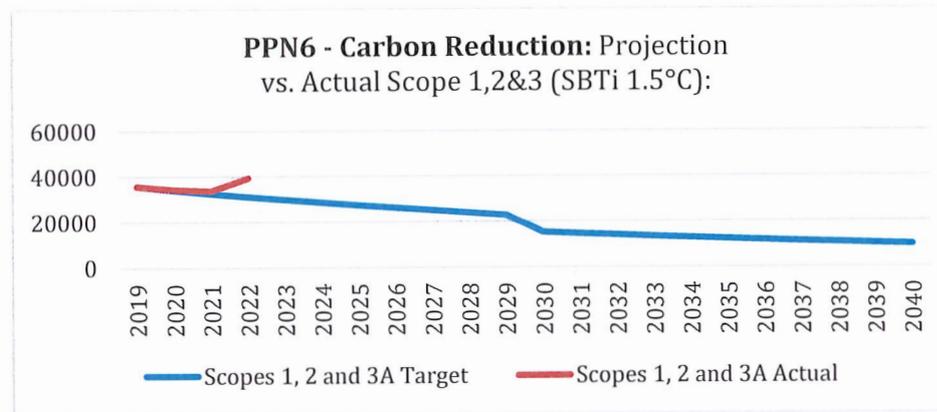
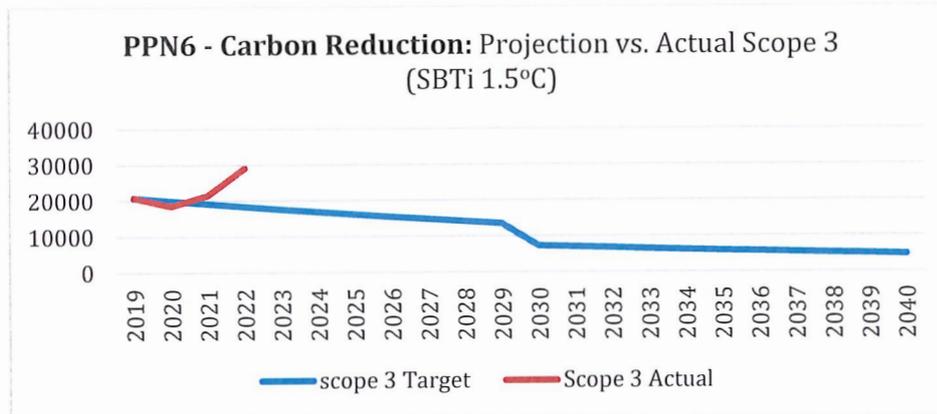
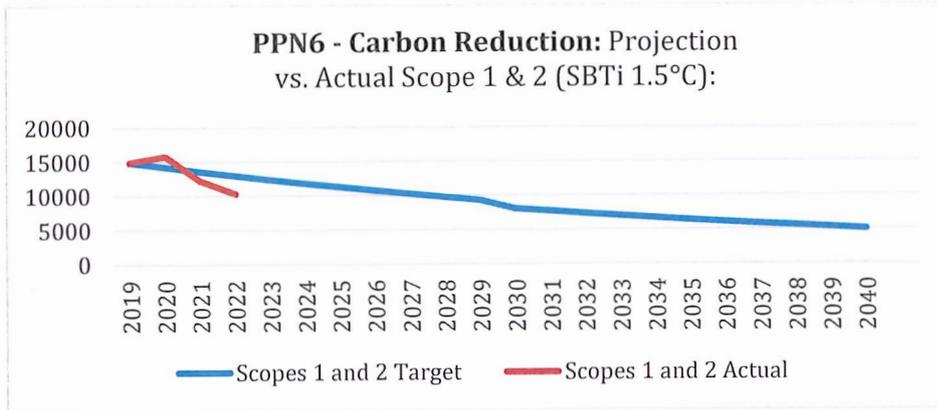
In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets 1.5°C on scope 1, 2 and 3a subset (subset: Upstream transportation and distribution, Waste generated in operations, Business travel and Employee commuting).

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
- COLAS Ltd commits to reduce absolute Scope 3a subset GHG emissions 46.2% by 2030 from a 2019 base year

Beyond those targets, we will 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.

- Introduced an automated carbon reporting system.
- Developed a costed UK Carbon Reduction Plan.
- Published a new company electric car list.
- New highway contracts have low carbon fleet solutions including electric, CNG and HVO fuel.
- HAMP report is in place which is a telematics system for asphalt plants.
- Increased RAP % within asphalt production.
- Green electricity contract.

The carbon emission reduction achieved by these schemes equate to 1000 tCO₂e, a 3% reduction against the 2019 baseline and the measures will be in effect when performing the contract.

The 2022 data has been measured in a different way compared with the baseline year of 2019. Colas will be re-measuring the 2019 baseline year to ensure data is comparable.

In the future we plan to continue our improvements, which include:

Carbon Reduction Project	Carbon Reductions by 2030	% of Baseline	Status
Decarbonise and Include Zero Emission Fleet, Plant and Equipment Onboarded When Technology is in Place including: <ul style="list-style-type: none"> • Zero Emission Cars, HGVs and Vans • Car Allowance • Improve Driver / User Behaviour • Implement Energy Saving Techniques to fleet, plant, equipment 	1. Baseline Scenario - 100% diesel and unleaded fuel and 30% gas oil 2. Project Scenario - 100% alternative fuels e.g. electric / hydrogen etc. Saving = 4152 tonnes tCO ₂ e 4152 tCO ₂ e = 60% of 6 905 tCO ₂ e	60%	Ongoing 15% complete
Bio LPG Green Gas Certification Scheme to replace LPG Including Carnsew Asphalt Plant Burner	1. Baseline Scenario - 70% gas oil and 100% kerosene 2. Project Scenario - 100% HVO fuel Saving = 582 tonnes tCO ₂ e 582tCO ₂ e = 8% of 6905 tCO ₂ e	8%	Planned for 2025
Green Gas Contracts to be set up with Green Gas Certification Scheme Certificates	1. Baseline Scenario - 100% LPG 2. Project Scenario - 100% Bio LPG Saving = 253 tonnes tCO ₂ e 253 tCO ₂ e = 4% of 6905 tCO ₂ e	4%	Planned for 2025
HVO fuel to Replace Fuel Used for Plant	1. Baseline Scenario - 100% Gas 2. Project Scenario - 100% Green Gas Saving = 678 tCO ₂ e 678tCO ₂ e = 12% of 6905 tCO ₂ e	12%	Ongoing Completed by 13%
Green Electricity Certificates in Place for All Electricity Procured	1. Baseline Scenario - 100% Electricity 2. Project Scenario - 100% Green Electricity Saving = 1076 tCO ₂ e 1076 tCO ₂ e = 16% of 6905 tCO ₂ e	16%	Implemented
Other Actions Determined by the Carbon and Biodiversity Road Map	1. Baseline Scenario - 100% diesel and unleaded fuel and 30% gas oil 2. Project Scenario - 100% alternative fuels e.g. electric / hydrogen etc. Saving = 4152 tonnes 4152 tCO ₂ e = 60% of 6 905 tCO ₂ e	1%	Foreseen
Set targets and action plan for reducing carbon associated with freight, business travel and commuting and waste	1. Baseline Scenario – 22161 Tonnes CO ₂ e 2. Project Scenario – 0 by 2040 Saving = 22161 tCO ₂ e		
Total volume of scope 1 and 2 savings to be made by 2030 with 46% reduction in line with Science Based Targets Initiative of 1.5 degrees		6875 Tonnes	

Carbon Reduction Project Scope 3A

- Set green travel objectives and action plan
- Set onsite renewable energy targets e.g. increasing solar panels, wind turbines etc.

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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

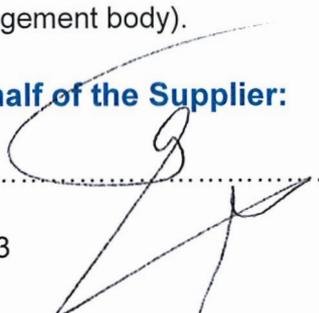
Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard³.

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

Signed on behalf of the Supplier:

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Date: 02/10/2023

A handwritten signature in black ink, consisting of a large, stylized 'S' followed by a series of loops and a final vertical stroke, positioned over a dotted line.

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

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

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

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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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