



Cabinet Office

CARBON REDUCTION PLAN GUIDANCE

Notes for Completion

Where an In-Scope Organisation has determined that the measure applies to the procurement, suppliers wishing to bid for that contract are required at the selection stage to submit a Carbon Reduction Plan which details their organisational carbon footprint and confirms their commitment to achieving Net Zero by 2050.

Carbon Reduction Plans are to be completed by the bidding supplier entity and must meet the reporting requirements set out in supporting guidance, and include the supplier's current carbon footprint and its commitment to reducing emissions to achieve Net Zero emissions by 2050.

The Carbon Reduction Plan should be updated regularly (at least annually) and published and clearly signposted on the supplier's UK website. It should be approved by a director (or equivalent senior leadership) within the supplier's organisation to demonstrate a clear commitment to emissions reduction at the highest level. Suppliers may wish to adopt the key objectives of the Carbon Reduction Plan within their strategic plans.

A template for the Carbon Reduction Plan is set out below. Please complete and publish your Carbon Reduction Plan in accordance with the reporting standard published alongside this PPN.

Carbon Reduction Plan Template

Supplier name: Bridgestone Europe NV/SA (UK Branch)

Publication date:

Commitment to achieving Net Zero

Bridgestone Europe NV/SA (UK Branch) 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.

Baseline Year: 2020	
Additional Details relating to the Baseline Emissions calculations.	
<i>Bridgestone begun to measure Scope 3 emissions from 2020 – therefore 2020 is Bridgestone’s Baseline Emissions. Bridgestone chose this year as it was the first year for which SECR reporting was enforced.</i>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	577.84
Scope 2	37.17
Scope 3 (Included Sources)	0.59
Total Emissions	615.60

Current Emissions Reporting

Reporting Year: 2021	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	497.74
Scope 2	24.89
Scope 3 (Included Sources)	0.37
Total Emissions	523.00

Emissions reduction targets

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

Bridgestone has announced its goal of achieving carbon neutrality in its long-term environmental vision for 2050 and beyond, along with its target of reducing absolute CO₂ emissions by 50% from 2011's level by 2030.

Bridgestone has put forth the goal of sourcing more than 50% of its power from renewable energy (electricity) by 2023 and declared its commitment to increasing its use of renewable energy going forward.

The Group's success in reducing total CO₂ emissions by 31% in comparison to 2011's level in 2020 and its use of renewable energy for approximately 11% of its global energy consumption have been disclosed.

Bridgestone have created an Internal environmental and sustainability committee tasked with developing a Strategy for the future in the aspirations of the business to operate in an efficient manner. This project will consider the goals of the business and international targets of carbon reduction using recognised codes of practice as road map such as ISO 50001:2018. All of our tyre manufacturing plants in Europe are now ISO 50001 certified. This is a significant milestone for us, marking Bridgestone as a pioneer in our industry when it comes to energy efficient operations.

Bridgestone have committed to achieving objectives and targets in their company environmental policy. The specifics of which will be developed over the course of the carbon reduction project.

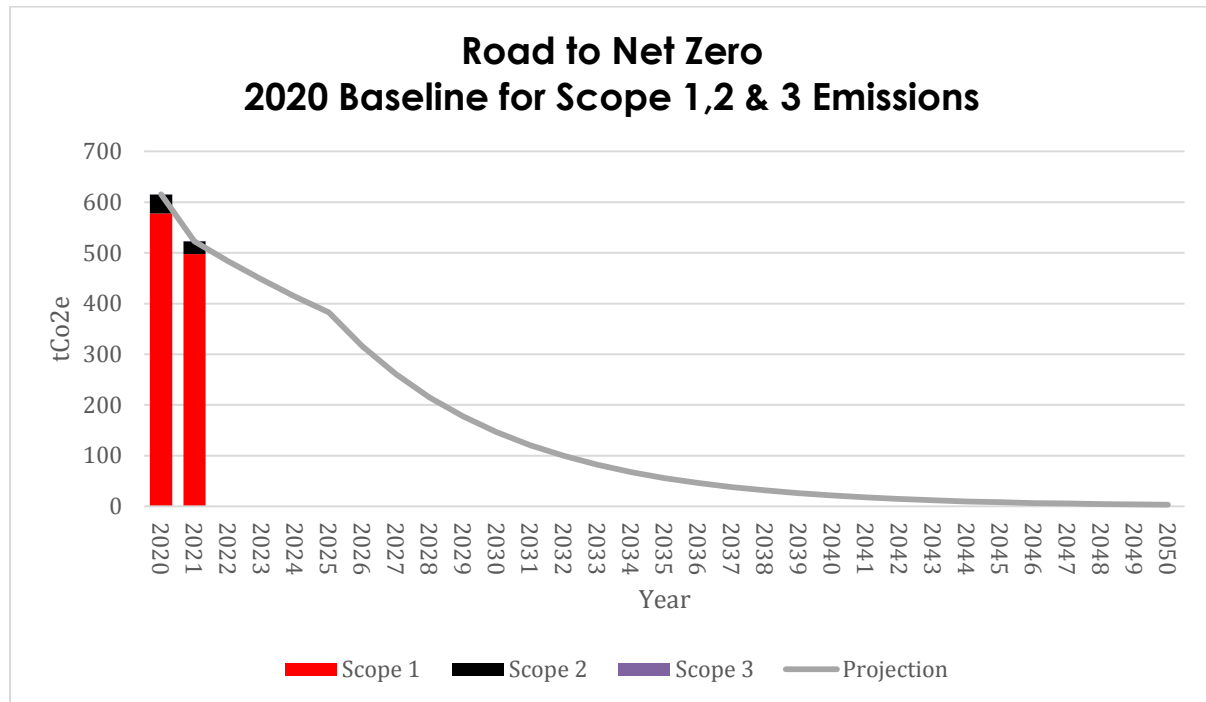
We project that carbon emissions will decrease over the next five years to circa 380 tCO₂e by 2025. This is a reduction of 27% from the current recorded year and a 38% reduction from the initial baseline emissions.

Bridgestone offices and warehouses are set annual targets for emissions reduction, targets for 2022 are as follows:

Metric	Suggested Measure	Min. Target (No.)	Min. Target (%)
Commercial Vehicles CO2 Emissions			
Reduced Diesel and Petrol consumption	mpg improvement – move to ultra low emission vehicles - to be a car or van that emits less than 75 grams of CO ₂	N/A	As per targets set by the Office for Low Emission Vehicles
Increased Electricity Consumption	KWh used	>0	>0%
Warehouse/Offices CO2 Emissions			
Electricity Consumption	Reduction in KWh per capita (KWh/FTE and Agency)	Site to set	3% reduction
Gas Consumption	Reduction in KWh per capita (KWh/FTE and Agency)	Site to set	3% reduction
LPG Consumption	Reduction in litres per capita (Litres/FTE and Agency)	Site to set	3% reduction
Red Diesel	Reduction in litres per capita (Litres/FTE and Agency)	Site to set	3% reduction
Percentage of waste recycled	In line with Government target	Site to set (tonnes)	65%/3% increase on previous year

We have set a target of reducing our Carbon emissions by 38% from our 2020 baseline to 380 tCO₂e by 2025 this means reducing the overall emissions by 7.5% each year over the next four years – our progress against this target can be seen in the graph below.

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



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

Scopes 1, 2 & 3: The following environmental management measures and projects have been completed or implemented since the 2020 baseline. The carbon emission reduction achieved by these schemes equate to 92.6 tCO₂e, a 15% reduction against the 2020 baseline and the measures will be in effect when performing the contract.

Completed carbon reduction projects that have contributed to the Scope 1, 2 & 3 reductions from 2020 to present include:

- *Continuous Improvement in line with ISO 50001:2018*
- *Installation of LEDS & PIR lighting controls at Bridgestone sites*
- *Upgrading vehicle fleet to newer EURO engines to achieve improved mpg and lower carbon and air polluting emissions including particulate matter*
- *Improved route optimisation to minimise empty running wherever possible*
- *Achieved accreditation to ISO 14001*
- *Planted over 2000 trees so far*
- *Introduced Environmental Awareness training for employees*
- *Communicated to employees and customers checking tyre pressures*

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

- Reduce our absolute CO2 emissions (Scope 1 and 2) by 50% by 2030
- Increasing number of delivery fleet with telematics to track and improve fuel consumption, reduce engine idling, and identify poor driving and inefficient driving leading to driver training and improvement plans for individual drivers
- Continue to retro-fit LED lighting & PIR sensors in Bridgestone sites
- Bridgestone has put forth the goal of sourcing more than 50% of its power from renewable energy by 2023.
- The Group's focus on the environment and determination to achieve the CO2 emissions reduction targets will advance technologies across the lifecycle of its products, significantly reducing the environmental footprint while also helping customers reduce theirs. The Group's efforts are designed to help address climate change and build a more sustainable society.
- Promote manufacturing and engineering innovation.
- Develop products and services that contribute to CO2 emissions reduction.
- Implement and continually develop a carbon emissions dashboard to easily view and monitor carbon emissions
- Work with Procurement to use preferred suppliers and contractors that can provide carbon emissions data and have targets to reduce their emissions, preferably to Net Zero by 2050
- Work to improve quality of Scope 3 emissions data to reduce estimations and increase accuracy of the data.
- The Group's Milestone 2030 sets targets based on the result of an environmental impact assessment to reflect how the Group intends to make further reductions in their environmental impact (increase contribution and reduce footprint), while promoting the circular economy and contribution towards carbon neutral through innovation and leading-edge technologies. Through Milestone 2030, the Group will accelerate its ambition to decouple business growth from environmental impact and resource consumption.

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.

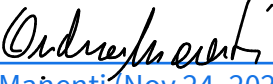
¹ <https://ghgprotocol.org/corporate-standard>

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

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

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:



[Andrea Mañenti \(Nov 24, 2022 19:26 GMT\)](#)
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Date: 24/11/2022
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