



Carbon Reduction Plan Template

Supplier name: Banner Group Ltd.

Publication date: 28/07/23.

Commitment to achieving Net Zero

Banner Group Ltd is committed to achieving Net Zero emissions by 2045.

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: 2021 - 1 January to 31 December	
Additional Details relating to the Baseline Emissions calculations.	
First period where detailed data collection and GHG quantification has occurred, including supply chain. This also represents a period of relative stability following the relaxation of COVID-19 restrictions. Dual reporting is used for location (grid) and market (tariff) Scope 2 emissions. Sites are on a certified Green Energy certificate. Targets are set against location-based emissions.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	339.38
Scope 2	Location – 401.88 Market – 0.00
Scope 3 (Included Sources)	10,726.68 Upstream transportation

	<p>Waste generated in operations</p> <p>Business travel (rail, air, road)</p> <p>Employee commuting</p> <p>Employee homeworking</p> <p>Downstream transportation</p>
Total Emissions	<p>Location – 11,503.93</p> <p>Market – 11,102.06</p>

Current Emissions Reporting

Reporting Year: 2022 - 1 January to 31 December	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	237.03
Scope 2	<p>Location – 336.93</p> <p>Market – 0.00</p>
Scope 3 (Included Sources)	<p>8,139.90</p> <p>Upstream transportation</p> <p>Waste generated in operations</p> <p>Business travel (rail, air, road)</p> <p>Employee commuting</p> <p>Employee homeworking</p> <p>Downstream transportation</p>
Total Emissions	<p>Location – 8,713.86</p> <p>Market – 8,376.93</p>

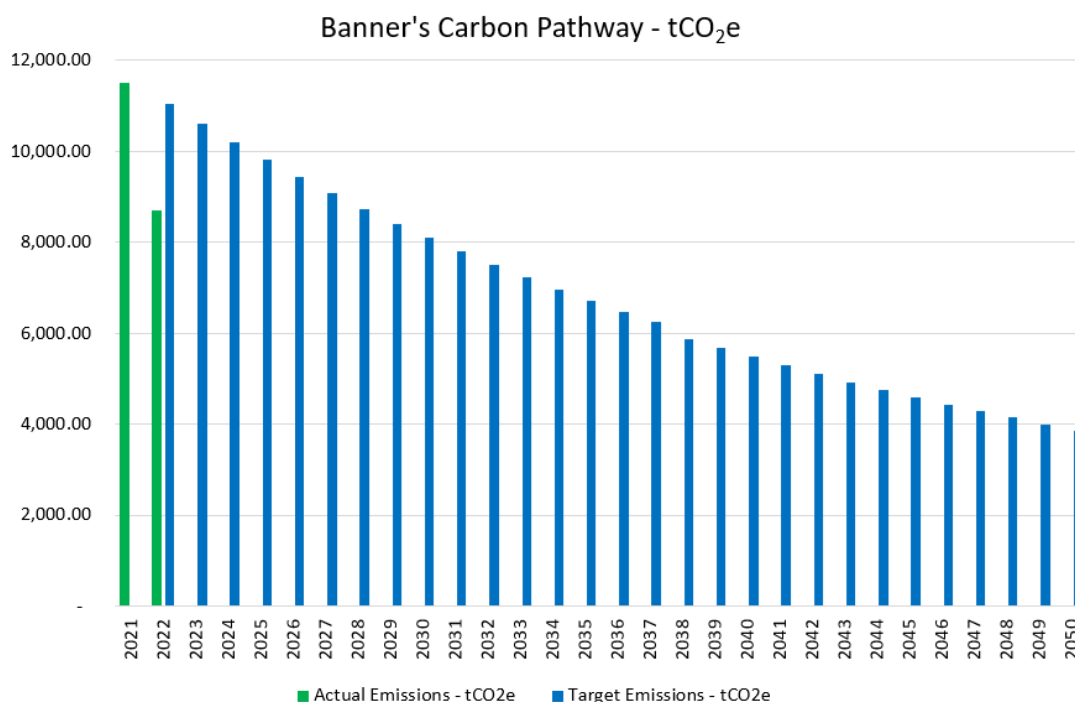
Emissions reduction targets

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

We project that carbon emissions will decrease over the next five years to 9,073.67tCO₂e tCO₂e by 2027. This is a reduction of 21.13%

- Reduce emissions from gas by 5% each year, with gas phased out across the business by 2037.
 - **72.94 tCO₂e** reduction over the next 5 years
- Zero leaks from HVAC systems (**achieved 2021 and 2022**)
 - **No leaks detected**
- Reduce emission from grey fleet by 5% each year.
 - **11.26 tCO₂e** over the next 5 years
- Reduce emission from electricity by 12% each year.
 - **167.02 tCO₂e** over the next 5 years
- Reduce emission from upstream transportation by 3% each year.
 - **1,043.55 tCO₂e** reduction over the next 5 years
- Reduce emissions from downstream transportation by 5% each year.
 - **600.88 tCO₂e** reduction over the next 5 years
- Zero waste to landfill (**achieved 2021 and 2022**)
 - **No waste sent to landfill.** All re-used or recycled where possible.
- Reduce emission from commuting by 8% each year.
 - **78.94 tCO₂e** reduction over the next 5 years

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 2021 baseline. The carbon emission reduction achieved by these

schemes equate to 2790.07 tCO₂e, a 24.24%ge reduction against the 2021 baseline and the measures will be in effect when performing the contract.

- ISO 14001:2015 Environmental Management System to monitor and continually improve environmental performance with targets to support the carbon reduction.
- All HVAC systems maintained to ensure no leaks.
- Energy efficiency measures implemented in offices such as LED lighting to reduce energy consumption.
- Encourage all staff to be mindful of energy consumption and provide training to influence energy efficient behaviour.
- Hybrid working and virtual meetings embraced to reduce the need for staff commuting and business travel at international and domestic level.
- Zero waste to landfill and recycling facilities provided at all sites.
- Reduce cardboard waste by optimising box sizes for secondary packaging and reducing adhesive use for the lidding.

Via Truline, the delivery arm of our business:

- Use of Geotab to monitor all vehicle movements to track emissions.
- Ten Electric Delivery Vehicles add for downstream transportation.
- Continue to plan routes meticulously to ensure the fleet efficiency is maximised.
- Some backhauling of inbound supplier goods on the return journey from Truline hubs

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

- Review renewable energy options as technology develops.
- Gradually phase out gas across the business and avoid opening new sites that use gas for heating where possible.
- Review lighting systems across all sites to ensure LEDs are used in all possible areas.
- Increase EV charging capacity at sites to support staff transition away from petrol and diesel vehicles.
- Upgrades to existing EV infrastructure are planned to ensure functionality.
- Continue to develop innovative solutions to reduce overall packaging waste and the quantity of single use plastics.
- Establish Carbon Neutral Deliveries by 2027 through our Truline fleet.
- Continue to evaluate developments within the transport and vehicles sector for alternative fuels and next generation EVs for their efficiency, performance and impact.
- Integrate new Emission Monitoring System into the business to continually track emissions in alignment with ISO 14064-1.

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:



VIVIAN SLATER (Banner Managing Director).....

Date: 21/08/2023.....

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>