

Carbon Reduction Plan

Supplier name: ...JN Bentley Limited (Reg. no. 01085646).

Publication date: ...01/06/2025.....

Commitment to achieving Net Zero

JN Bentley 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.		
JN Bentley calculate carbon emissions in line with the Greenhouse Gas Protocol and our footprint is validated and verified in accordance with ISO 14064-1:2018. JN Bentley have Science Based Targets which are validated by the Science Based Target Initiative (SBTi).		
Baseline year emissions:		
EMISSIONS	TOTAL (tCO ₂ e)	
Scope 1	12,330	
Scope 2	53 (Market Based)	
Scope 3	129,853	
	Category 1 (purchased goods and services)	93,358
	Category 2 (capital goods)	4,033

	Category 3 (fuel and energy related activities)	3,030
	Category 4 (upstream transportation and distribution)	24,588
	Category 5 (waste generated in operations)	577
	Category 6 (business travel)	3,328
	Category 7 (employee commuting)	932
	Category 9 (downstream transportation and distribution)	This category is not relevant to our business
Total Emissions	142,236	

Current Emissions Reporting

Reporting Year: 2024		
EMISSIONS	TOTAL (tCO ₂ e)	
Scope 1	10,480	
Scope 2	10 (Market Based)	
Scope 3	169,042	
	Category 1 (purchased goods and services)	126,622
	Category 2 (capital goods)	9,880
	Category 3 (fuel and energy related activities)	2,953
	Category 4 (upstream transportation and distribution)	26,411

	Category 5 (waste generated in operations)	601
	Category 6 (business travel)	2,003
	Category 7 (employee commuting)	572
	Category 9 (downstream transportation and distribution)	This category is not relevant to our business
Total Emissions	179,532	

Emissions reduction targets

JN Bentley as part of the Mott MacDonald Group have committed to reach net zero greenhouse gas emissions across the value chain by 2040 from a 2019 base year. The SBTi have validated the following near and long-term, science-based, emission reduction targets.

- Long Term
 - Mott MacDonald Group is targeting a 90% absolute reduction of emissions in scopes 1, 2 and 3 by 2040 from the 2019 baseline.
- Near Term
 - Mott MacDonald Group is targeting a 46.2% scope 1 and 2 emissions reduction by 2030 from the 2019 baseline.
 - Mott MacDonald Group targets an absolute reduction in scope 3 emissions from fuel and energy related activities, waste generated in operations, business travel and employee commuting by 28% by 2030.
 - Mott MacDonald Group also targets that 70% of its suppliers by spend covering purchased goods and services, capital goods, and upstream transportation and distribution will have science-based targets by 2027.

From 2019 to 2024 the JNB scope 1 and 2 emissions have decreased by 15%. The reduction in our near-term focus emissions since the base year is reflective of the measures delivered through our carbon reduction plan. For scope 1 and 2, reductions have been driven through efficiency improvements made to site fuel use and a managed switch to hydrotreated vegetable oil (HVO) fuels.

When considering only the scope 3 emission categories included within our near-term reduction targets the JNB emissions have reduced by 22% between 2019 and 2024. When looking at JNB emission for all scopes and categories, we have recorded a 26% increase in emissions. This increase is predominantly driven by increases within our Purchased Goods and Services emissions from our supply chain due to real terms company growth over the same period. Overall emissions are displayed in figure 1.

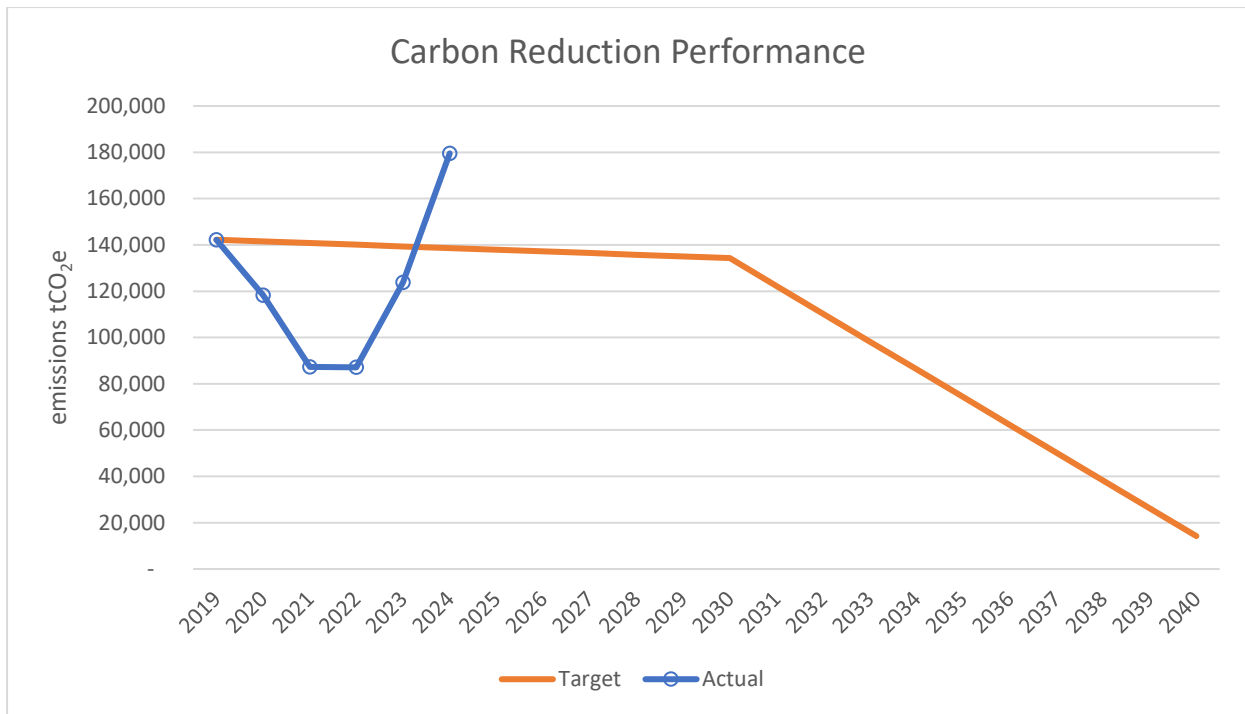


Figure 1 – Overall JNB emissions

Carbon Reduction Projects

Completed Carbon Reduction initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline and the measures will be in effect when delivering projects.

- Updated our near-term targets and validated our long-term net-zero target in line with the Science Based Targets initiative (SBTi) Net-Zero Standard
- Continued to reduce our carbon emissions in line with our science-based targets
- Certified ISO 14001: Environmental Management
- Certified ISO 14064: Greenhouse Gases
- Certified PAS 2080: Carbon Management in Infrastructure (Design)
- Managed the use of low carbon hydrotreated vegetable oil (HVO) on construction sites.
- Improved energy efficiency (EPC rating) and renewable power supply options of site set ups.
- Limited employee company car options to hybrid ULEV.
- Completed the switch to stage V engines for our non-road mobile machinery.

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

- Certified PAS 2080: Carbon Management in Infrastructure (Construction)
- Improve our low carbon procurement approach
- Implement journey management procedures to prioritise public transport
- Introduce our Electrification Roadmap for company vehicles
- Further training on carbon and energy awareness
- Improve Scope 3 accounting with a move away from spend-based calculations and a switch towards supplier emission data.

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:

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>