

Carbon Reduction Plan

Supplier Name: Frazer-Nash Consultancy Ltd

Publication date: 9th September 2024

COMMITMENT TO ACHIEVING NET-ZERO

Frazer-Nash Consultancy Limited is committed to achieving net-zero emissions by 2040. Our target has been validated by the Science Based Targets initiative (SBTi) in line with their Corporate Net-Zero Standard.

BASELINE EMISSIONS FOOTPRINT

Our greenhouse gas emissions are calculated in line with the Greenhouse Gas (GHG) Protocol using the operational control approach to boundary setting. We include emissions from our entire business operations. The scope includes the seven greenhouse gases named by the Kyoto Protocol expressed as carbon dioxide equivalent (CO₂e).

The Carbon Reduction Plan we published in 2023 used a baseline year of 2019/20. We made the decision, whilst proceeding through the SBTi validation process, to re-baseline against 2022 figures as a consequence of emerging organisational change and a change in the business financial accounting process from fiscal to calendar year. It also reflects a more accurate inventory post-COVID.

Table 1 provides the baseline emissions for Frazer-Nash in 2022. Table 2 provides our most recent years emissions (2023).

Table 1: Baseline year (CY 2022) emissions

Emissions		Total (tCO ₂ e)
Scope 1	Natural gas	43.5
	Refrigerant gases	3.8
	Company vehicles	31.9
Scope 2	Purchased electricity (market-based)	147
	Purchased electricity (location-based)	147
Scope 3	Category 1 – Purchased goods and services	5099.1*
	Category 2 – Capital goods	1175.1*
	Category 3 – Fuel and energy related activities (not included in scope 1 or scope 2)	62.9
	Category 4 – Upstream transportation and distribution	9.7*
	Category 5 – Waste generated in operations	3.8
	Category 6 – Business travel	901.6
	Category 7 – Employee commuting	443.9
	Category 8 – Upstream leased assets	0
	Category 9 – Downstream transportation and distribution	n/a**
Outside of scopes	Biogenic emissions	1.38***
Total		7922.3
Optional categories that we report on (no target set)	Category 7 - Home working	96.8
	Category 15 - Pensions	259.8

* Using the spend-based method described in the GHG Protocol

** We are a professional services company. We do not sell, transport or distribute products

*** Biogenic emissions refer to combustion of biofuels in our company vehicles

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CURRENT EMISSIONS REPORTING

Table 2: Current year (CY 2023) emissions

Emissions		Total (tCO ₂ e)	
Scope 1	Natural gas	31	↓
	Refrigerant gases	0	↓
	Company vehicles	19.2	↓
Scope 2	Purchased electricity (market-based)	126.4	↓
	Purchased electricity (location-based)	126.4	↓
Scope 3	Category 1 – Purchased goods and services	8032.2*	↑
	Category 2 – Capital goods	925.1*	↓
	Category 3 – Fuel and energy related activities	49.6	↓
	Category 4 – Upstream transportation and distribution	26.2*	↑
	Category 5 – Waste generated in operations	4.5	↑
	Category 6 – Business travel	1313.3	↑
	Category 7 – Employee commuting	501.5	↑
	Category 8 – Upstream leased assets	129.9 (new in 2023)	
	Category 9 – Downstream transportation and distribution	n/a**	
Outside of scopes	Biogenic emissions	0.7***	
Total carbon footprint		11158.9	
Optional categories that we report on (no science-based target set)	Category 7 - Home working	453.7	
	Category 15 - Pensions	332.4	

* Using the spend-based method described in the GHG Protocol

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*** Biogenic emissions refer to combustion of biofuels in our company vehicles

EMISSIONS REDUCTION TARGETS

Frazer-Nash Consultancy Limited commits to reach net-zero greenhouse gas emissions across the value chain by 2040 from a 2022 base year. The SBTi have approved our near and long-term science-based emissions reduction targets. To achieve our targets, we have developed a Decarbonisation Plan. This will drive ambitious reductions across a range of initiatives.

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FRAZER-NASH SCIENCE-BASED CARBON REDUCTION TARGETS

Near-Term

- Reduce absolute Scope 1 and 2 greenhouse gas emissions 90% by 2030 from a 2022 base year*. Reduce absolute Scope 3 greenhouse gas emissions 50% within the same timeframe*.

Long-Term

- Maintain at least 90% absolute Scope 1 and 2 greenhouse gas emissions reductions from 2030 through 2040 from a 2022 base year*. Reduce absolute Scope 3 greenhouse gas emissions 90% by 2040 from a 2022 base year*.

Overall Net-Zero Target

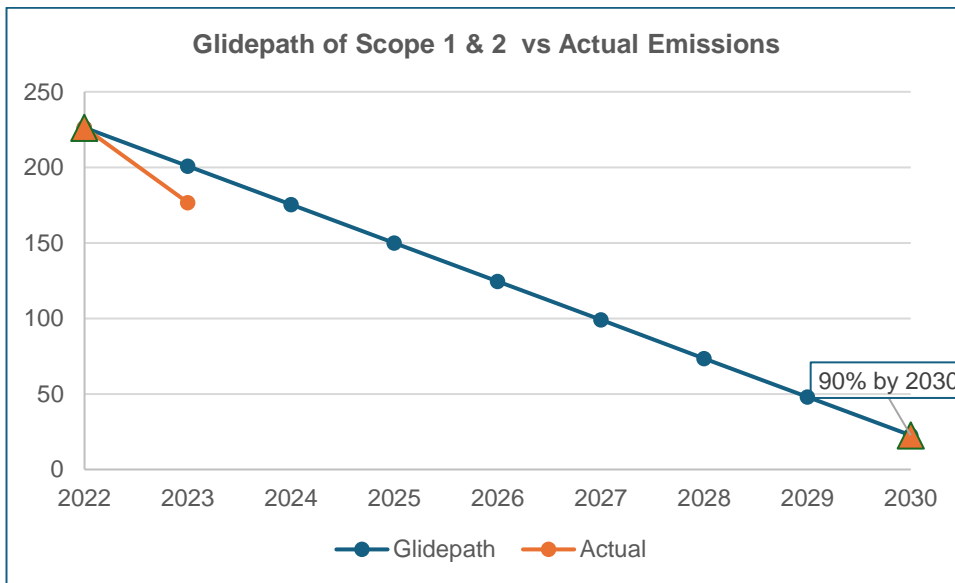
- Reach net-zero greenhouse gas emissions across the value chain by 2040.

* The target boundary includes land-related emissions and removals from bioenergy feedstocks.

Progress against targets

Overall progress against our Scope 1 and scope 2 science-based target is shown in Figure 1 below. In 2023 we reduced our combined Scope 1 and 2 emissions by 21.9%, ahead of our SBTi near-term trajectory.

Figure 1: Graph showing progress against near-term target for combined Scope 1 and 2 emissions



Progress against our Scope 3 target is shown in Figure 2 below. This reflects an increase in value chain emissions of 42.7% since the 2022 baseline. The increase in our Scope 3 emissions reflects significant business growth in 2023. Relocating our head office to our parent company (KBR) site at Leatherhead also means that we now include upstream leased asset emissions in our Scope 3 inventory.

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Figure 2: Graph showing progress against targets for Scope 3 emissions

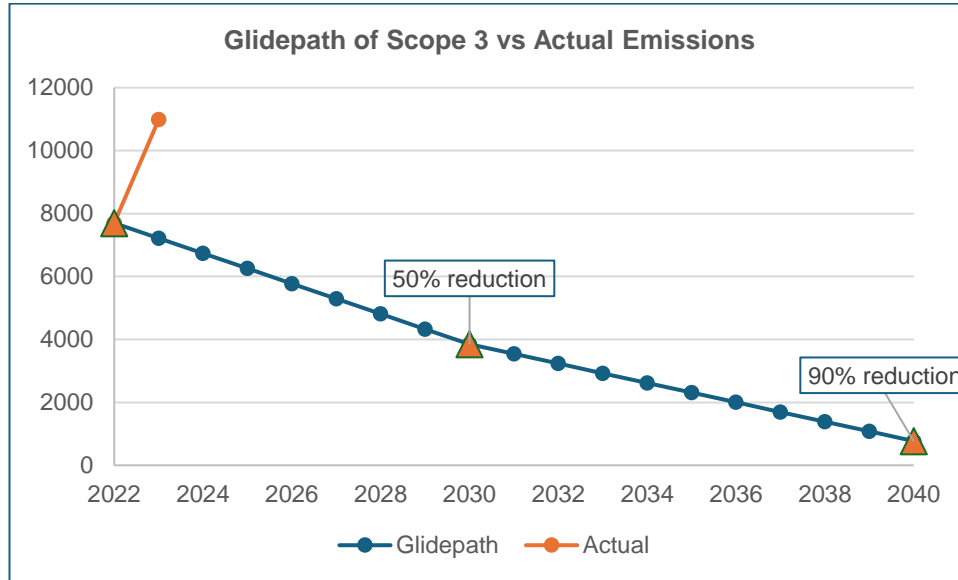


Table 3 provides a summary of our progress against the SBTi validated emissions reduction targets that we have committed to achieve.

Table 3: Science-based targets progress

Target timeframe	Target	Progress
Near-term	<p>Frazer-Nash Consultancy commits to reduce absolute Scope 1 and 2 GHG emissions 90% by 2030 from a 2022 base year*.</p> <p>Frazer-Nash Consultancy also commits to reduce absolute Scope 3 GHG emissions 50% within the same timeframe*.</p>	<p>Scope 1 reduction of 36.45%. Scope 2 electricity reduction of 14%. Overall, Frazer-Nash Consultancy has reduced combined Scope 1 and Scope 2 emissions by 21.9%.</p> <p>Scope 3 emissions have increased by 42.7% due to significant business growth increasing spending on purchased goods and services and increase in business travel. We have moved to a new head office location which falls under Scope 3 upstream leased assets.</p>
Long-term	<p>Frazer-Nash Consultancy commits to maintain at least 90% absolute Scope 1 and 2 GHG emissions reductions from 2030 through 2040 from a 2022 base year*.</p> <p>Frazer-Nash Consultancy also commits to reduce absolute Scope 3 GHG emissions 90% by 2040 from a 2022 base year*.</p>	<p>Combined scope 1 and scope 2 reduction of 21.9% since the 2022 base year.</p> <p>Increase of 42.7% in scope 3 since the 2022 base year.</p>

* The target boundary includes land-related emissions and removals from bioenergy feedstocks.

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CARBON REDUCTION PROJECTS

Our Environmental Management System (EMS) is externally certified to the ISO 14001:2015 standard. Emission reduction initiatives are managed and monitored via the EMS. We have already rolled out remote collaboration software, have hybrid working in place, and have a cycle to work scheme to encourage active travel. Since 2022 we have:

- Reduced our Scope 1 emissions for company cars through having more options available for electric and hybrid cars
- Reduced our Scope 2 purchased electricity emissions through switching electricity contracts to renewable energy
- Launched an electric car salary sacrifice scheme enabling employees to lease an electric vehicle
- Refurbished our Burton-on-Trent office to be energy efficient achieving an Energy Performance Certificate (EPC) rating of B
- Installed electric vehicle (EV) charge points in our Burton-on-Trent office and moved from Dorking to Leatherhead where staff now have access to EV charging points
- Reduced waste through making unwanted office equipment available for reuse
- Improved the quality of data used to compile our carbon inventory by making changes to our expense reporting system. Employees now input actual distance travelled when using public transport.

FUTURE DECARBONISATION PROJECTS

We have developed a Decarbonisation Plan. This sets out how we will achieve our carbon reduction targets. Initiatives include actions to address low carbon offices, green travel, sustainable procurement and behaviour change. Some of the initiatives that we intend to implement are:

- We will transition our electricity to green tariffs for all offices where we control the electricity contract by 2026
- We will improve energy efficiency in all our permanent offices to bring them up to an EPC rating of B by 2028
- We will develop low carbon criteria for selecting new premises and refurbishing existing offices
- Recognising the significant increase in emissions in this category, we will engage, as a priority, with our top suppliers (by spend) to reduce our Scope 3 emissions from our purchased goods and services
- We will ensure that our policies and procedures align to our decarbonisation goals, including developing a sustainable procurement policy
- We will accelerate efforts to develop and implement a green travel policy

DECLARATION AND SIGN OFF

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and its 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. Appropriate Government emission conversion factors for greenhouse gas company reporting² have been used.

Scope 1 and Scope 2 emissions have been reported in accordance with Streamlined Energy & Carbon Reporting (SECR) requirements. The required subset of Scope 3 emissions has 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 Senior Leadership Team.

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>

Signed on behalf of Frazer-Nash Consultancy Ltd:

Sarah Wilkes



Rupert Bridges

