


Document Title: Carbon Reduction Plan	
Document Reference: AF-E-FT-03	
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1. Commitment to achieving Net Zero

Affini Technology is committed to achieving Net Zero emissions by 2050.

2. Baseline Emissions Footprint 2022 (Scope 1 & 2 only)

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.

Reporting Year: TY 01 April 2021- 31 March 2022	
Scope 1	9.19
Scope 2	77.02
Scope 3 (Included Sources)	Target for TY 2022 and improved data capture Scope 1 & 2
Total Emissions	86.27 tonnes CO2e

Figure 1: Baseline emission report.

3. Current Emissions Reporting 2024

Reporting Year: TY 01 April 2023- 31 March 2024	
Scope 1 Buildings	10.08 tonnes CO2e
Scope 2 Flights Vehicle Use	1.45 tonnes CO2e 79.16 tonnes CO2e

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Scope 3	
Waste	29.2 tonnes CO2e
Upstream	24.02 tonnes CO2e
Downstream	14.76 tonnes CO2e
Commuting	10.47 tonnes CO2e
Public Transport	0.2 tonnes CO2e
Total Emissions	169.34 tonnes CO2e


Figure 2: Current emission report TY.

4. Emissions reduction targets

Existing emissions reduction targets are in place as part of our business management system targets AF-TO-01 Affini Targets & Objectives, reviewed on 19th July 24.

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 seven years to 60 tonnes CO₂e by 2030. Please note, this reduction target factor does not include business growth.

OBJECTIVES	TARGETS	OWNER	TARGET DATE
Management Control			
Maintain and improve Integrated Business Management System (BMS), certified to; BS EN ISO 9001, BS EN ISO 14001, BS EN ISO 45001.	Zero external non conformances. <i>Recertification audits complete May 2024 transferred to 2025</i> Review all policy, process, procedures on BMS. All process to be internal audited.	HSE Manager SHEQ Committee	24-Dec-24

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Environmental Outcomes			
Reduce carbon footprint.	A. Complete Scope 3 Update Net Zero Plan for TY 2024-2025, in line with mandatory reporting requirements. B. Reduce carbon footprint by 7%. C. Improve carbon reduction plan (PPN 061). D. Qtrly carbon net zero plan review. E: Move to Green energy tariffs.	HSE Manager SHEQ Committee Head of Finance SHEQ Committee	01-Jul-25
Reduce Mileage and flights by minimum of 5% (in line with business growth).	Reduction of flights. Increase public transport.	Head of Finance Head of Operations	29-Mar-24
	Implement strategy to regionalise engineers and reduce movement within projects.	Head of Engineering HR Manager	24-Dec-24
Reduce electrical consumption by 5%. (<i>not including vehicle energy</i>).	Further investigate low level energy efficiency measures through grants - T5 lighting. Weekly 5S checks and reports.	Head of Finance Head of Operations	24-Dec-24
Reduce water consumption by 5%.	Work with suppliers and landlord to assist in efficiency. Low level consumption campaign. Improve data capture.	Head of Finance	Ongoing FY
Reduce waste to landfill by 5%. Increase re use over recycling to reduce recycling by 5%.	5S's campaign 'Sort' stations. 'Standardise', rationalisation and improved use of existing storage. Improve data capture.	Compliance Officer	Ongoing FY
Transition to electric fleet and supporting infrastructure (London operations), Reduce 'White Fleet' carbon emissions (from our largest carbon contributor - vehicles), by 40%.	Early release or amendment of current contract. Investigate/use grants and schemes for low emission vehicles charging points and supporting infrastructure to assist in resource.	Head of Finance Head of Operations	01-Apr-25
Procure renewable energy from the grid.	Transition to 100 per cent renewable energy supply.	Head of Finance	24-Dec-24
Reduce carbon emissions (from our largest carbon contributor - vehicles), 'Grey Fleet & Commuting' emissions by 20% .	Maintain work from home policy. Implement low emission vehicle incentives for Grey fleet drivers. Improve welfare facilities (shower and secure cycle storage).	HR Manager Head of Finance Head of Operations	24-Dec-24

Figure 3: Affini Environmental Management/Carbon reduction objectives.

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Progress against the carbon reduction targets can be seen in the graph below (figure 4). Please note the increase FY 22/23 is a result of inclusion of Scope 3 data:

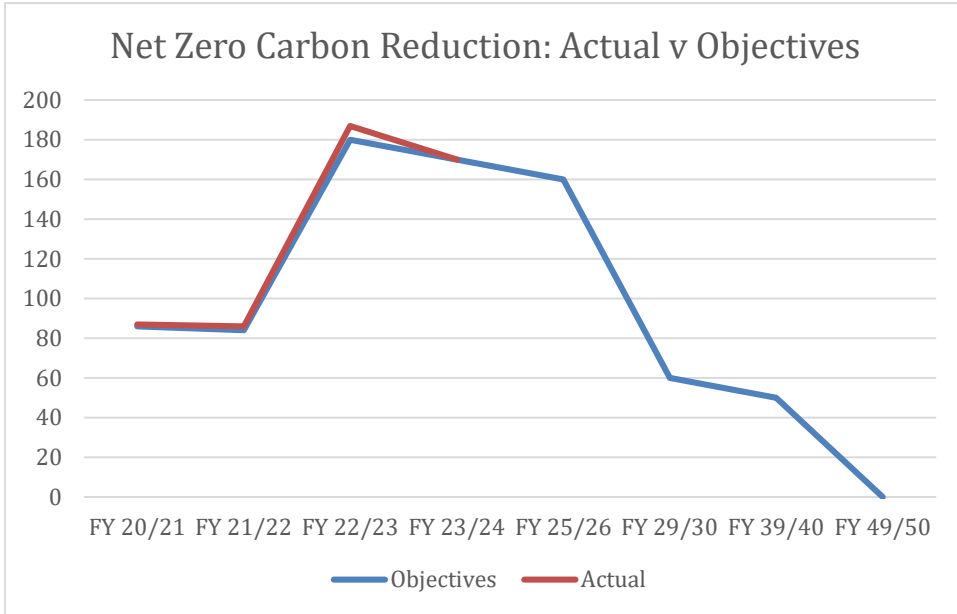


Figure 4: Carbon reduction graph actual v objectives

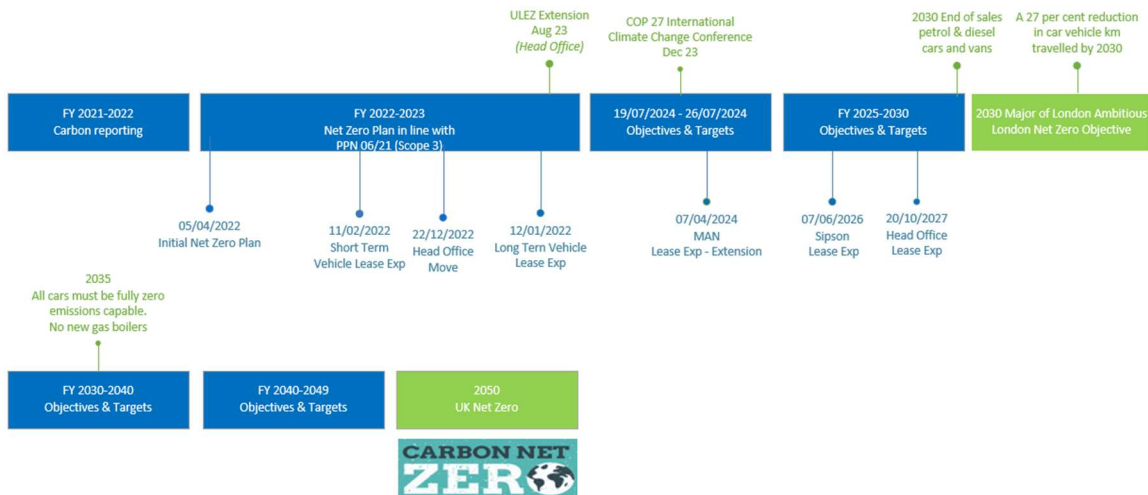



Figure 5: Net Zero Road Map Milestones

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5. Carbon Reduction Projects

5.1 Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2021/22 baseline.

- Improvements to carbon data capture including scope 3 requirements.
- Maintenance of certification to ISO14001 (no non-conformances or recommendations for improvement).
- Net zero plan implemented and benchmarking.
- Reduction in mileage.

5.2 2023-2028 Reduction Initiatives

In the future we hope to implement further measures including:

- Top management input and resource through budget.
- Further detailed data capture of Scope 3 requirements.
- Electrification of part of the fleet at the forthcoming lease opportunity.
- Carbon efficiency improvements to facilities at the end of current lease contracts (Head Office & Manchester, move to building with improved facilities).
- Increase in renewable energy from suppliers.
- Offsetting emissions.
- Working with suppliers to decrease carbon in upstream and down stream distribution of products.
- Initiatives for commuters and grey fleet vehicles (company car drivers).

6. 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

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

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

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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).



Ian Carr, Chief Executive Officer, Affini Technology Ltd

Date: 04th November 2024

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