


<b>Document Title:</b> Carbon Reduction Plan	
<b>Document Reference:</b> AF-E-FT-03	
<b>Issue Date:</b> 15/06/2023	
<b>Revision No:</b> 2.1	
<b>Document Classification:</b> Restricted	

## 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.

<b>Reporting Year: 2021-2022</b>	
<b>Scope 1</b>	<b>9.19</b>
<b>Scope 2</b>	<b>77.02</b>
<b>Scope 3 (Included Sources)</b>	<b>Target for TY 2022</b>
<b>Total Emissions</b>	<b>TOTAL (tCO<sub>2</sub>e) 86.27 tonnes CO<sub>2</sub>e</b>

*Figure 1: Baseline emission report.*

## 3. Current Emissions Reporting 2023

<b>Reporting Year: 2022-2023</b>	
<b>Scope 1 Buildings</b>	<b>9.53 tonnes CO<sub>2</sub>e</b>
<b>Scope 2 Flights</b>	<b>1.09 tonnes CO<sub>2</sub>e</b>
<b>Vehicle Use (includes commuting)</b>	<b>135.81 tonnes CO<sub>2</sub>e</b>
<b>Public Transport</b>	<b>0.19 tonnes CO<sub>2</sub>e</b>

<b>Document Title:</b> Carbon Reduction Plan	
<b>Document Reference:</b> AF-E-FT-03	
<b>Issue Date:</b> 15/06/2023	
<b>Revision No:</b> 2.1	
<b>Document Classification:</b> Restricted	

<b>Scope 3</b> <b>Waste</b> <b>Upstream</b> <b>Downstream</b>  <i>Commuting including in mileage Scope 2</i>	<b>217.16 kg CO2e</b> <b>25.69 tonnes CO2e</b> <b>15 tonnes CO2e</b>
<b>Total Emissions</b>	<b>TOTAL (tCO2e)</b> <b>187.54 tonnes CO2e</b>


Figure 2: Current emissions report

#### 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 6<sup>th</sup> June 2023.

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 CO<sub>2</sub>e by 2030. Please note, this reduction target factor does not include business growth.

OBJECTIVES	TARGETS	OWNER	TARGET DATE
<b>Management Control</b>			
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>Surveillance audits complete 2023. Transferred to 2024.</i>  Review all policy, process, procedures on BMS. All process to be internal audited.	SHEQ Advisor SHEQ Committee	24-Dec-23
Reduce carbon footprint and re invest savings.	Complete TY 2022/23 Carbon footprint.  Reduce carbon footprint in line with business growth through strategy and carbon footprint observations.  Set 2023 budget. Re invest utilities savings in carbon net zero plan - infrastructure.  Improve data capture to include Scope 3.	SHEQ Advisor  SHEQ Committee  Head of Finance  SHEQ Committee	24/05/2023 <i>Complete see environmental tab</i>

<b>Document Title:</b> Carbon Reduction Plan	
<b>Document Reference:</b> AF-E-FT-03	
<b>Issue Date:</b> 15/06/2023	
<b>Revision No:</b> 2.1	
<b>Document Classification:</b> Restricted	

Environmental Outcomes			
Improve carbon measurement, reduction strategy and 'buy in'.	A. Complete Scope 3 Update Net Zero Plan for TY 2022-2023, in line with mandatory reporting requirements. B. Reduce carbon footprint by 5%. C. Improve carbon reduction plan (PPN 061). D. Qtrly carbon net zero plan review.	Head of Finance SHEQ Committee	24-Dec-23
Reduce Mileage and flights by minimum of 5% (in line with business growth).	Maintain video conference call facility using existing facilities at each location to assist in reduction of flights.	Head of Finance Head of Operations	29-Mar-24
	Implement strategy to regionalise engineers and reduce movement within projects.	Head of Engineering HR Manager	01-Oct-23
Reduce electrical consumption by 5%.	Office Move - Invest in T5 lighting, sensors with electrical savings from previous year. Further investigate low level energy efficiency measures through grants - solar, air pump. Weekly 5S checks and reports.	Head of Finance Head of Operations	24-Dec-23
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	29-Mar-24
Reduce carbon emissions (from our largest carbon contributor - vehicles), 'Grey Fleet & Commuting' emissions by 20% .	Implement work from home policy. Implement low emission vehicle incentives for Grey fleet drivers. Improve welfare facilities (shower and secure cycle storage), as per Simoco.	HR Manager Head of Finance Head of Operations	29-Mar-24

*Figure 3: Affini Environmental Management/Carbon reduction objectives.*

<b>Document Title:</b> Carbon Reduction Plan	
<b>Document Reference:</b> AF-E-FT-03	
<b>Issue Date:</b> 15/06/2023	
<b>Revision No:</b> 2.1	
<b>Document Classification:</b> Restricted	

Progress against the carbon reduction targets can be seen in the graph below (figure 4). Please note the increase is due to inclusion of scope 3 data:

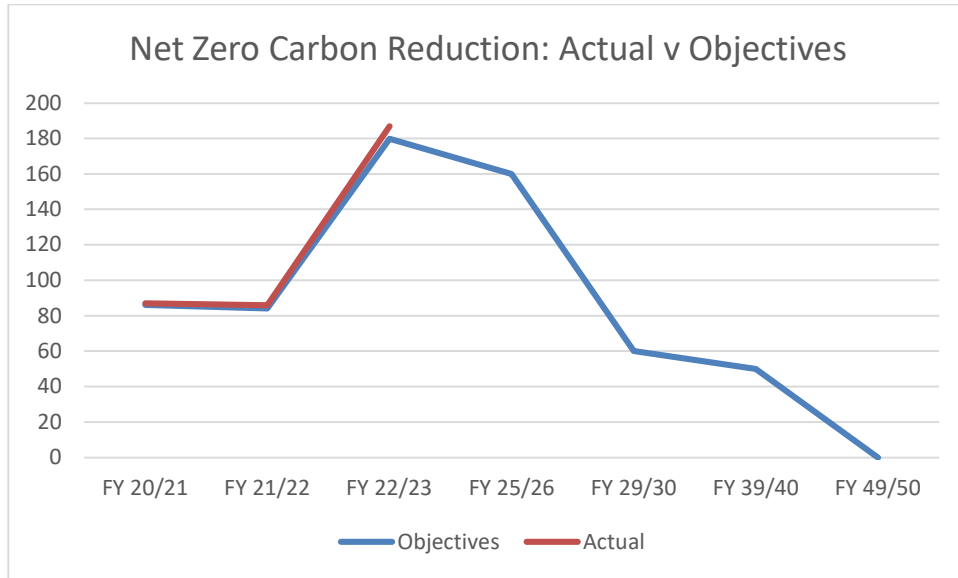


Figure 4: Carbon reduction graph actual v objectives

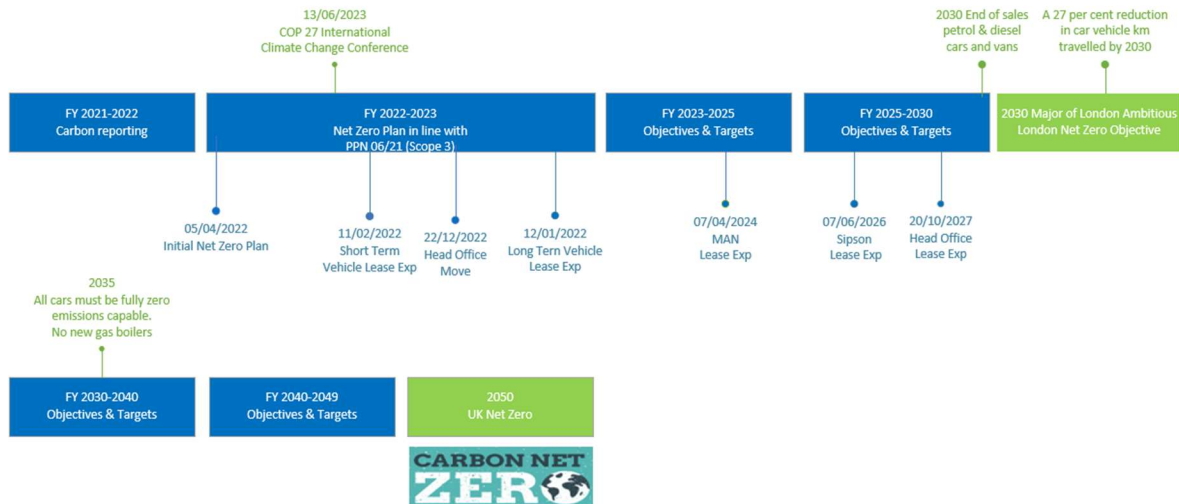



Figure 5: Net Zero Road Map Milestones

<b>Document Title:</b> Carbon Reduction Plan	
<b>Document Reference:</b> AF-E-FT-03	
<b>Issue Date:</b> 15/06/2023	
<b>Revision No:</b> 2.1	
<b>Document Classification:</b> Restricted	

## 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.

### 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 standard<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

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

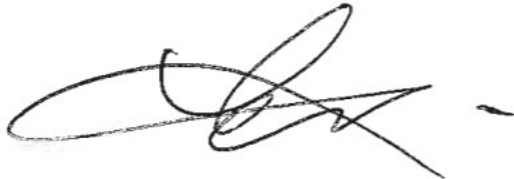
<sup>1</sup> <https://ghgprotocol.org/corporate-standard>

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

<b>Document Title:</b> Carbon Reduction Plan	
<b>Document Reference:</b> AF-E-FT-03	
<b>Issue Date:</b> 15/06/2023	
<b>Revision No:</b> 2.1	
<b>Document Classification:</b> Restricted	

published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard<sup>3</sup>.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).



Chief Executive Officer, Affini Technology Ltd

Date: 15<sup>th</sup> Jun 2023

---

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